

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

2049 Same diseased plant

5579

late hr
4210

Port to the ...
CI-2647
5358

Invest nos:

6578

79

-

CI-7224

CI-7225

6581

-

CI-7253 release

6597

-

CI-7338

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.

Size.....1/20 acre.

SOIL

Kind.....Prairie loam.

Position.....Somewhat rolling.

Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....

Disk.....Osborn.....Sharp.

Harrow.....U Bar.....Good.

Seeder.....Monitor.....Good.

SEED

Variety.....Variable.

Weight per bushel.....Variable.

Source.....Variable.

Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.

2. Disked (lapped half).....4-10-'08.

3. Harrowed.....4-10-'08.

4. Harrowed.....4-27-'08.

5. Seeded.....4-27-'08.

6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.

Date.....4-27-'08.

Rate.....3 bushels per acre by weight.

SAMPLE PAGE

VARIATIONAL TEST OF DATA, 1928

CONDITIONS OF EXPERIMENT

1928

1928

NAME AND LOCATION OF OBSERVER

1928

1928

1928

1928

1928

1928

1928

1928

1928

1928

1928

1928

1928

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation:

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

T P outfield (P.I. field)

	DATES		L	PE
	HEADING	FULL RIPE		
4001	Name <i>delus</i> <i>low</i> F ₁₃ -324A, R x C.I. 5094 8/1 8/29			239
4002	F ₁₃ -324A R x C.I. 5094 8/28			
4003	F ₁₃ 324A R x C.I. 5094 8/17 8/28			
4004	F ₁₃ -324A R x C.I. 5094 8/28			
4005	F ₁₃ -324A R x C.I. 5094 8/28			
4006	F ₁₃ -324A R x C.I. 5094 8/28			
4007	F ₁₃ -324A R x C.I. 5094 8/21			
4008	F ₁₃ -324A R x C.I. 5094 8/21			

1926

no

539

DATES

HEADING	FULL
1ST	FULL

RIPE

F₁₃-324A, R x C.I. 5094 4009F₁₃-324A R x C.I. 5094 4010

Very tall, too tall

F₁₃-324A R x C.I. 5094 4011

8/26

F₁₃-324A R x C.I. 5094 4012

8/21

F₁₃-324A R x C.I. 5094 4013

8/20

F₁₃-324A R x C.I. 5094 4014

8/17

F₁₃-324A R x C.I. 5094 4015

8/17

534

R-Hyb. Mix. #7

T.P. x Long-slender-grain

8/10

4016

D A T E S

HEADING		FULL
1ST	FULL	RIPE

- 4017 F₄-Hyb. Mix. #7 T.P. x Long slender-grain 534
8/21
later than TP
short stem
- 4018 F₄-Hyb. Mix. #7 T.P. x Long slender-grain
8/17
quite early
- 4019 F₄-Hyb. Mix. #7 T.P. x Long slender-grain
8/22
- 4020 ~~TP CK.~~
~~F₄-Hyb. Mix. #7~~ T.P. x Long slender-grain
8/14
- 4021 F₄-Hyb. Mix. #7 T.P. x Long slender grain
9/25
- 4022 F₄-Hyb. Mix. #7 T.P. x Long slender-grain
8/16
- 4023 F₄-Hyb. Mix. #7 T.P. x Long slender-grain
8/16
- 4024 ~~F₄~~ F₄-Hyb. Mix. #7 T.P. x Long slender-grain
8/21

		D A T E S		
		HEADING	FULL	
		1ST FULL	RIPE	
534	F4-Hyb. Mix. #7	8/21	T.P. x Long-slender-grain	4025
	F4-Hyb. Mix. #7	8/24	T.P. x Long-slender-grain	4026
186	B4030A3-13 (3313A1-4xTP)	8/20		4027
	B4030A3-13	8/15	(3313A1-4xTP)	4028
	B4030A3-13	8/13 1/23	(3313A1-4xTP)	4029
	Very short straw & very uniform heading good grain, laured plant (discarded)			
	B4030A3-13	8/17	(3313A1-4xTP)	4030
	B4030A3-13	8/21	(3313A1-4xTP)	4031
	B4030A3-13	8/18	(3313A1-4xTP)	4032

D A T E S

		HEADING	FULL	
		1ST	FULL	
4033	B4030A3-13	(3313A1-4xT.P.)		126
	8/16			
4034	B4030A3-13	(3313A1-4xT.P.)		186
	8/17	no heads		
4035	B4030A3-29,	(3313A1-4xT.P.)		343
	8/24			
4036	B4030A3-29,	(3313A1-4xT.P.)		
	8/24			
4037	B4030A3-29,	(3313A1-4xT.P.)		
	8/25			
4038	B4030A3-29,	(3313A1-4xT.P.)		
	8/24			
4039	B4030A3-29,	(3313A1-4xT.P.)		
	8/24			
4040	B4030A3-29,	(3313A1-4xT.P.)		343
	8/25			

DATES

HEADING

FULL

1ST FULL

RIPE

TP CK.

4041

~~B4032A3-37, (5573A1-1A7A1)~~

5

8/15

265

B4032A3-37,

4042

TP x 321A2-8

8/17

B4032A3-37,

T.P. x 321A2-8

4043

8/17

B4032A3-37,

T.P. x 321A2-8

4044

8/11

8/10

Short straw, stiff straw, very long
grain, uniform

Hr

B4032A3-37,

T.P. x 321A2-8

4045

8/21

B4032A3-37,

T.P. x 321A2-8

4046

8/22

B4032A3-37,

T.P. x 321A2-8

4047

8/20

B4032A3-37,

T.P. x 321A2-8

4048

8/21

D A T E S

HEADING FULL
1ST FULL RIPE

4049 B4032A3-32, T.P. x 321A2-8 265
8/23

4050 B4032A3-32, T.P. x 321A2-8 265
8/15

4051 B4032A3-32, T.P. x 321A2-8 340
8/20

4052 B4032A3-32, T.P. x 321A2-8
8/20

4053 B4032A3-32, T.P. x 321A2-8
8/15

4054 B4032A3-32, T.P. x 321A2-8
8/15

4055 B4032A3-32, T.P. x 321A2-8
8/17

4056 B4032A3-32, T.P. x 321A2-8
8/14

		DATES		
		HEADING	FULL	
		1ST	FULL	RIPE
340	B4032	A3-32,	T.P. x 321	A2-8 4057
		8/20		
	B4032	A3-32,	T.P. x 321	A2-8 4058
		8/12		
	B4032	A3-32,	T.P. x 321	A2-8 4059
		8/18		
344	B4034	A3-16,		4060
		TP x 321	A2-5	
		8/22		
344	B4034	A3-16,	T.P. x 321	A2-5 4061
		8/16		
	B4034	A3-16,	T.P. x 321	A2-5 4062
		8/16		
	B4034	A3-16,	T.P. x 321	A2-5 4063
		8/20		
	B4034	A3-16,	T.P. x 321	A2-5 4064
		8/20		

DATES	
HEADING	FULL
1ST FULL	RIPE

535

4065 ~~F₄~~ Hyb-Mix #8 323A5-8xT.P.
TP or earlier
 8/2 *R 8/14

4066 ~~F₄~~ Hyb-Mix #8, 323A5-8xT.P.+R
 8/2 8/9

4067 ~~F₄~~ Hyb-Mix #8, 323A5-8xT.P.+R
 8/10

4068 ~~F₄~~ Hyb-Mix #8 323A5-8xT.P.+R
 8/17

4069 ~~F₄~~ Hyb-Mix #8 *TP or later* 535
 323A5-8xT.P.+R
 8/4 8/14

4070 ~~F₄~~ Hyb-Mix #8 323A5-8xT.P.+R
 8/25

4071 ~~F₄~~ Hyb-Mix #8 323A5-8xT.P.+R.
no plants?

4072 ~~F₄~~ Hyb-Mix #8 323A5-8xT.P.+R
 8/18

		D A T E S					
		HEADING	FULL				
		1ST	FULL				
4031	A1-7-8	8/18	TPX 323	A5-8	4073		
968							
	A1-7-8	8/20			4074		
	A1-7-8	8/26			4075		
	A1-7-8	8/18			4076		
	A1-7-8	8/17			4077		
	A1-7-8	8/23			4078		
	A1-7-8	8/17			4079		
	TP CK.	8/14			4080		

DATES

HEADING	FULL
1ST FULL	RIPE

4081 A1-7-8 (4031A) TPX 323A5-8
8/16 2968

4082 A1-7-8 8/17

4083 A1-7-8 8/18

4084 A1-7-8 8/24

4085 A1-7-8 8/16

4086 A1-7-8 8/20 2968

4087 A1-7-8 8/20

4088 A1-7-8 8/20

	D A T E S		
	H E A D I N G	F U L L	
		R I P E	
2968	A 1-7-8 (4031A)	TPx 323A5-8	4089
	8/24		
	A 1-7-8		4090
	8/24		
	A 1-7-8		4091
	8/23		
	A 1-7-8		4092
	8/23		
	A 1-7-8		4093
	8/20		
	A 1-7-8		4094
	8/17		
	A 1-7-8		4095
	8/17		
	A 1-7-8		4096
	8/17		

DATES		
HEADING	FULL	
1ST	FULL	RIPE

4097 A1-7-8

8/17

2968

4098 A1-7-8

8/20

4099 B4033 A4-24
T.P. x 3313 A1-16

8/2

8/10

263

4100 T.P. CK.

~~B4033 A4-24, T.P. x 3313 A1-16~~

8/14

4101 B4033 A4-24, T.P. x 3313 A1-16

8/26

4102 B4033 A4-24, T.P. x 3313 A1-16

8/1

8/8

4103 B4033 A4-24, T.P. x 3313 A1-16

8/4

8/12

4104 B4033 A4-24, T.P. x 3313 A1-16

8/1

8/14

sep ht

D A T E S	
HEADING	FULL
1ST	FULL RIPE

263 B4033A4-24, T.P. x 3313A1-16 4105
8/27

B4033A4-24, T.P. x 3313A1-16 4106
8/26

B4033A4-24, T.P. x 3313A1-16 4107
8/26

B4033A4-24, T.P. x 3313A1-16 4108
8/11

B4033A4-24, T.P. x 3313A1-16 4109
8/27

B4033A4-24, T.P. x 3313A1-16 4110
8/14

B4033A4-24, T.P. x 3313A1-16 4111
8/11

B4033A4-24, T.P. x 3313A1-16 4112
8/26

DATES

HEADING	FULL
1ST FULL	RIPE

4113 B4033A4-24, 8/12 T.P. X 3313 A1-16

4114 A4-15-6 (4033A) T.P. X 3313 A1-16 2850
 8/15 8/21
 Rather stout straw, uniform
 heavy straw, good, similar to
 shorter than TP

4115 A4-15-6
 8/14 8/21
 Taller than 4114

4116 A4-15-6
 8/14 8/21

4117 A4-15-6
 8/2 8/14

4118 A4-15-6
 8/13

4119 A4-15-6
 8/12

4120 T.P. CK.
~~A4-15-6~~
 8/14

	DATES			
	HEADING		FULL	
	1ST	FULL	RIPE	
864	A4-38-1-1	(4033)	TPX 3313A1-16	4121
	8/17	8/26		
	A4-38-1-2			4122
	8/22	8/30		
	A4-38-1-3			4123
	8/17	8/28		
	A4-38-1-4			4124
	8/17	8/28		
	A4-38-1-5			4125
	8/17	8/25		
	A4-38-1-6			4126
	8/17	8/24		
	short, very stiff straw, long heads very uniform			
	A4-38-1-7			4127
	8/14	8/25		
	a few plants that are earlier & shorter than rest			
	A4-38-1-8			4128
	8/20	8/27		

A4-38 lines are better than A4-6 lines longer heads, sturdier, heavier than, longer leaves.

		DATES	
		HEADING	FULL
		1ST FULL	RIPE
4129	A4-38-1-9(4033A), TP x 3313 A1-16	8/14	8/27
			2864
4130	A4-38-1-10	8/17	Aug 9/1
4131	A4-38-1-11	8/14	8/25
4132	A4-38-1-12	8/17	8/27
4133	A4-38-1-13	8/17	8/25
4134	A4-38-1-14		8/25
4135	A4-38-1-15		8/21 Aug 9/2
4136	A4-38-1-16	8/21	8/28

	D A T E S		
	HEADING	FULL	
	1ST	FULL	RIPE
A4-38-1-17(4033A), TP x 3313	8/20	8/26	4137 A16
A4-38-1-18	8/17	8/25	4138
184 B4033A4-6-1 T.P. x 3313A1-16	8/16		4139 good
B4033A4-6-VT.P. x 3313A1-16	8/16	full	4140
B4033A4-6; 3 T.P. x 3313A1-16	8/22		4141
B4033A4-6-4 T.P. x 3313A1-16	8/20		4142
B4033A4-6-5 T.P. x 3313A1-16	8/17		4143
B4033A4-6-6 T.P. x 3313A1-16	8/11	Aug	4144

D A T E S

HEADING		FULL
1ST	FULL	RIPE

4145 B4033A4-6-7 T.P. X 3313A1-14
8/17 9/26 184

4146 B4033A4-6-8 T.P. X 3313A1-14
8/16

4147 B4033A4-6-9 T.P. X 3313A1-14
8/14

4148 B4033A4-6-10 T.P. X 3313A1-14
8/17

4149 B4033A4-6-11 T.P. X 3313A1-14
8/17

4150 B4033A4-6-12 T.P. X 3313A1-14
8/17

4151 B4033A4-6-13 T.P. X 3313A1-14
8/14

4152 B4033A4-6-14 T.P. X 3313A1-14
8/15

DATES	
HEADING	FULL
1ST FULL	RIPE

B4033A4-6-15 T.P. x 3313A1-16 4153
8/12

B4033A4-6-16 T.P. x 3313A1-16 4154
8/16

B4033A4-6-17 T.P. x 3313A1-16 4155

B4033A4-6-18 T.P. x 3313A1-16 4156
8/14

B4033A4-6-19 T.P. x 3313A1-16 4157
8/17 good

B4033A4-6-20 T.P. x 3313A1-16 4158
8/14

69 B4033A4-47-6 4159
T.P. x 3313A1-16
8/1

✓ ~~B4033A4-47-6 T.P. x 3313A1-16 4160~~
T.P. CK.
8/14

DATES	
HEADING	FULL
1ST FULL	RIPE

B4033A4-47, ⁷T.P. x 3313A1-14

4161 ~~B4033A4-47, T.P. x 3313A1-14~~

8/5 *lepr*

4162 B4033A4-47, ⁸T.P. x 3313A1-14

8/1 8/16

4163 B4033A4-47, ⁹T.P. x 3313A1-14

8/26 *late am*

4164 B4033A4-47, ¹⁰T.P. x 3313A1-14

8/2 8/12

4165 B4033A4-47, ¹¹T.P. x 3313A1-14

8/2 8/12

4166 B4033A4-47, ¹²T.P. x 3313A1-14

8/2

4167 B4033A4-47, ¹³T.P. x 3313A1-14

8/12

4168 B4033A4-47, ¹⁴T.P. x 3313A1-14

8/14

DATES

	HEADING		FULL		
	1ST	FULL		RIPE	
B4033A4-47-15					4169
8/2 8/13					
short, heavy straw					12u good
B4033A4-47-16					4170
8/2					
B4033A4-47-17					4171
8/5 8/15					
B4033A4-47-18					4172
8/10					
B4033A4-47-19					4173
8/12					
B4026A5-12, 3313A1-16xR					4174
7/30 8/6					
Rather tall, very straw					
B4026A5-12, 3313A1-16xR					4175
8/2 8/14					
B4026A5-12, 3313A1-16xR					4176
8/2 8/14					

D A T E S		
HEADING	FULL	
1ST	FULL	RIPE

4177 B4026A5-12, 3313A1-16XR
8/4 8/12

4178 B4026A5-12, 3313A1-16XR
8/12

4179 B4026A5-23 3313A1-16XR

262

4180 ~~B4026A5-23 3313A1-16XR~~
T.P. CL 8/14

TPV

4181 B4026A5-23 3313A1-16XR
8/4 8/12

4182 B4026A5-23 3313A1-16XR
8/12

4183 B4026A5-23 3313A1-16XR
7/31 8/6

4184 B4026A5-23 3313A1-16XR

DATES	
HEADING	FULL
1ST FULL	RIPE

B4026 A5-23 3313 A1-16XR 4185
8/7

B4026 A5-23 3313 A1-16XR 4186

B4026 A5-23 3313 A1-16XR 4187

8/3 8/10
Short stiff straw, very good, H

B4026 A5-23 3313 A1-16XR 4188

B4026 A5-23 3313 A1-16XR 4189
8/1 8/7

B4026 A5-23 3313 A1-16XR 4190

3b TPOV Earlier 4191

Ex-Hyb-Mix #9-44-17
T.P. + R x Long slender grain
8/3

44-18
Ex-Hyb. Mix #9, T.P. + R x Long slender grain 4192

DATE S

HEADING		FULL
1ST	FULL	RIPE

4193 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/1 8/10 -19

4194 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/1 8/10 -20

4195 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/12 -21

4196 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/1 8/11 -22

4197 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/1 8/12 -23

4198 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/16 -24

4199 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/4 8/16 -25

4200 ~~F₄~~ Hyb. Mix. #9, T.P. + R x long-slender-grain
8/17 -26

DATES

HEADING

FULL

1ST FULL

RIPE

~~F₄~~-Hyb. Mix. #9, ⁻²⁸T.P. & R x long-slender-grain 4201
 8/4 8/14
 very tall

~~F₄~~-Hyb. Mix. #9, ⁻²⁸T.P. & R x long-slender-grain 4202
 8/4 8/14

~~F₄~~-Hyb. Mix. #9, ⁻²⁹T.P. & R x long-slender-grain 4203
 8/17

~~F₄~~-Hyb. Mix. #9, ⁻³⁰T.P. & R x long-slender-grain 4204
 8/17

~~F₄~~-Hyb. Mix. #9, ⁻³¹T.P. & R x long-slender-grain 4205
 8/17

~~F₄~~-Hyb. Mix. #9, ⁻³²T.P. & R x long-slender-grain 4206
 8/12

~~F₄~~-Hyb. Mix. #9, ⁻³³T.P. & R x long-slender-grain 4207
 8/17

~~F₄~~-Hyb. Mix. #9, ⁻³⁴T.P. & R x long-slender-grain 4208
 8/14

DATE S

HEADING

FULL

1ST FULL

RIPE

4209 ⁻³⁵ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/10

4210 ³⁶ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain ⁵³⁶
8/26 a mid gr. type ^{grain} ⁵³⁶
variate ^{grain}
harvest later stiff straw anything
in test watch

4211 Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/28

4212 ⁻³⁸ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/17

4213 ⁻³⁹ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/28

4214 ⁻⁴⁰ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/24

4215 ⁻⁴¹ Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/25

4216 ⁻⁴² Fx-Hyb. Mix. #9, T.P. & R x Long-slender-grain
8/16

DATES	
HEADING	FULL
1ST	FULL
	RIPE

Hyb. Mix. #9, T.P. + R x long-slender-grain 4217
8/16

good

Hyb. Mix. #9, T.P. + R x long-slender-grain 4218
8/20

Hyb. Mix. #9, T.P. + R x long-slender-grain 4219
8/20

~~Hyb. Mix. #9, T.P. + R x long-slender-grain 4220~~
8/17

Hyb. Mix. #9, T.P. + R x long-slender-grain 4221
8/26

Hyb. Mix. #9, T.P. + R x long-slender-grain 4222
8/17

Hyb. Mix. #9, T.P. + R x long-slender-grain 4223
8/18

Am of my best for straw

Taller than some but my stuff by the Tall

37 Earliest plants in plot 4224

Hyb. 4035 8/14
T.P. x R 8/17

D A T E S		
HEADING	FULL	
1ST	FULL	RIPE

4225 Fx-4035² B, T.P. x R

8/16

4226 Fx-4035³ B, T.P. x R

8/12

4227 Fx-4035⁴ B, T.P. x R

4228 Fx-4035⁵ B, T.P. x R

8/17

4229 Fx-4035⁶ B, T.P. x R

8/11

4230 Fx-4035⁷ B, T.P. x R

8/17

4231 Fx-4035⁸ B, T.P. x R

8/16

4232 Fx-4035⁹ B, T.P. x R

8/20

DATES

HEADING

FULL

1ST FULL

RIPE

~~A~~₄ - 4035^{8/10}^{8/10}⁻¹⁰ B, T.P. x R 4233

~~A~~₄ - 4035^{8/12}^{8/12}⁻¹¹ B, T.P. x R 4234

~~E~~₄ - 4035^{8/16}^{8/24}⁻¹² B, T.P. x R 4235
 Shorter + stiffer straw than T.P.
 Very good

~~A~~₄ - 4035^{8/16}^{8/16}⁻¹² B, T.P. x R 4236

~~A~~₄ - 4035^{8/16}^{8/16}⁻¹³ B, T.P. x R 4237

~~A~~₄ - 4035^{8/16}^{8/16}⁻¹⁴ B, T.P. x R 4238

~~A~~₄ - 4035^{8/16}^{8/16}⁻¹⁵ B, T.P. x R 4239

~~E~~₄ - 4035^{8/13}^{8/13} B, T.P. x R 4240
 T.P. CK.

DATES	
HEADING	FULL
1ST FULL	RIPE

4241 ~~A~~_x - 4035 ~~A~~_B 44-16, T.P. x R
8/17

4242 ~~A~~_x - 4035 ~~A~~_B 44-17, T.P. x R
8/15

4243 ~~A~~_x - 4035 ~~A~~_B 44-18, T.P. x R
8/16

4244 ~~A~~_x - 4035 ~~A~~_B 44-19, T.P. x R
8/22

4245 ~~A~~_x - 4035 ~~A~~_B 44-20, T.P. x R
8/16

4246 ~~A~~_x - 4035 ~~A~~_B 44-21, T.P. x R
8/17

4247 ~~A~~_x - 4035 ~~A~~_B 44-22, T.P. x R
8/12

4248 ~~A~~_x - 4035 ~~A~~_B 44-23, T.P. x R
8/20

DATES

HEADING

FULL

1ST FULL

RIPE

Fx-4035 B, T.P. x R

8/18

4249

Fx-4035 A, T.P. x R

8/15

4250

Fx-4035 A, T.P. x R

8/16

4251

Fx-4035 A, T.P. x R

8/14

4252

Fx-4035 A, T.P. x R

8/12

4253

Fx-4035 A, T.P. x R

8/22

4254

Fx-4035 A, T.P. x R

8/22

4255

Fx-4035 A, T.P. x R

8/16

4256

DATES		
HEADING	FULL	
1ST	FULL	RIPE

4257 ~~FX~~-4035A, T.P. x R
8/24

4258 ~~FX~~-4035A, T.P. x R
8/17

4259 ~~FX~~-4035A, T.P. x R
8/22

4260 ~~T.P. CK. ~~FX-4035A, T.P. x R~~~~
8/14

TPV

4261 ~~FX~~-4035A, T.P. x R
8/22

4262 ~~FX~~-4035A, T.P. x R
8/24

4263 ~~FX~~-4035A, T.P. x R
8/18

4264 ~~FX~~-4035A, T.P. x R
8/22

		D A T E S	
		HEADING	FULL
		1ST FULL	RIPE
FX-4035A, T.P.xR	8/28		4265
FX-4035A, T.P.xR	8/21		4266
FX-4035A, T.P.xR	8/22		4267
FX-4035A, T.P.xR	8/28		4268
FX-4035A, T.P.xR	8/22		4269
FX-4035A, T.P.xR	8/28		4270
FX-4035A, T.P.xR	8/22		4271
FX-4035A, T.P.xR	8/21		4272

DATES

HEADING

FULL

1ST FULL

RIPE

4273 ~~Fx~~ - 4035 A, T.P. x R

9/23

4274 ~~Fx~~ - 4035 A, T.P. x R

9/24

4275 ~~Fx~~ - 4035 A, T.P. x R

9/26

4276 ~~Fx~~ - 4035 A, T.P. x R

9/26

4277 ~~Fx~~ - 4035 A, T.P. x R

9/28

4278 ~~Fx~~ - 4035 A, T.P. x R

9/22

4279 ~~Fx~~ - 4035 A, T.P. x R

9/26

4280 ~~Fx - 4035 A, T.P. x R~~

T.P. CK

TP ✓

	DATES		
	HEADING		FULL
	1ST	FULL	RIPE
537	Fx-4035A, T.P. x R		
	8/26		
	Fx-4035A, T.P. x R		
	8/27		
	Fx-4035A, T.P. x R		
	leaves standing best on 8/2/44		
	8/21		
	Fx-4035A, T.P. x R		
	8/21		
	Fx-4035A, T.P. x R		
	8/20		
	Fx-4035A, T.P. x R		
	8/20		
	Fx-4035A, T.P. x R		
	8/24		
	Fx-4035A, T.P. x R		
	8/20		

D A T E S

HEADING

FULL

1ST FULL

RIPE

4289 ~~A~~-4035A, T.P.xR
9/28

4290 ~~A~~-4035A, T.P.xR
9/28

4291 ~~A~~-4035A, T.P.xR

4292 ~~A~~-4035A, T.P.xR

4293 ~~B4035A1-10, T.P.xR~~
~~~~A~~-4035A, T.P.xR~~  
8/17

346

4294 B4035A2-9, T.P.xR  
8/15

350

4295 B4035A2-9, T.P.xR  
8/17

4296 B4035A2-9, T.P.xR  
8/17

|     |                                                                        | DATES    |                     |
|-----|------------------------------------------------------------------------|----------|---------------------|
|     |                                                                        | HEADING  | FULL                |
|     |                                                                        | 1ST FULL | RIPE                |
|     | B4035 A2-9, T.P. x R.<br><i>9/10</i>                                   |          | 4297<br><i>9/10</i> |
| 353 | B4035 A2-20,<br>T.P. x R <i>8/17</i>                                   |          | 4298                |
|     | B4035 A2-20, T.P. x R<br><i>followed by 4301</i>                       |          | 4299                |
| 2V  | <del>B4035 A2-20, T.P. x R</del><br><i>follows 4301</i><br><i>8/13</i> |          | 4300                |
|     | B4035 A2-20, T.P. x R<br><i>precedes 4300</i><br><i>8/14</i>           |          | 4301                |
|     | B4035 A2-20, T.P. x R<br><i>follows 4300</i><br><i>8/18</i>            |          | 4302                |
|     | B4035 A2-20, T.P. x R                                                  |          | 4303                |
|     | B4035 A2-20, T.P. x R<br><i>8/18</i>                                   |          | 4304                |



| D A T E S |      |      |
|-----------|------|------|
| HEADING   | FULL |      |
| 1ST       | FULL | RIPE |

4305 B4035 A2-13  
T.P. x R

352

4306 B4035 A2-13, T.P. x R  
8/15

4307 B4035 A2-13, T.P. x R  
8/15

4308 B4035 A2-4,  
T.P. x R 8/18

347

4309 B4035 A2-4, T.P. x R  
8/15

4310 B4035 A2-4, T.P. x R  
8/16

4311 B4035 A2-4, T.P. x R

4312 B4035 A2-4, T.P. x R  
8/12

|     | D A T E S                                                        |      |      |
|-----|------------------------------------------------------------------|------|------|
|     | HEADING                                                          | FULL |      |
|     | 1ST FULL                                                         | RIPE |      |
| 348 | B4035 A2-5,<br>T.P. x R<br>8/12                                  |      | 4313 |
|     | B4035 A2-5, T.P. x R<br>8/14                                     |      | 4314 |
|     | B4035 A2-5, T.P. x R<br>8/15                                     |      | 4315 |
|     | B4035 A2-5, T.P. x R<br>8/16                                     |      | 4316 |
| 39  | Texas Patna Sel.<br>8/16                                         |      | 4317 |
|     | Texas Patna Sel.                                                 |      | 4318 |
|     | Texas Patna Sel.<br>followed by 4321<br>8/17                     |      | 4319 |
|     | T.P. C.K.<br><del>Texas Patna Sel.</del><br>follows 4324<br>8/11 |      | 4320 |



| D A T E S |      |  |
|-----------|------|--|
| HEADING   | FULL |  |
| 1ST FULL  | RIPE |  |

4321 Texas Patna sel.

8/15

4322 Texas Patna sel.

8/17

4323 longer than T.P.

B4035 A2-24,  
T.P. x R

354

4324 B4035 A2-24, T.P. x R

followed by 4320  
8/12

4325 B4035 A2-24, T.P. x R

Follows 4320  
8/11

4326 B4035 A2-24, T.P. x R

8/17

4327 B4035 A2-24, T.P. x R

8/11

4328 B4035 A2-24, T.P. x R

8/17

|    |                              | DATES    |      |  |           |
|----|------------------------------|----------|------|--|-----------|
|    |                              | HEADING  | FULL |  |           |
|    |                              | 1ST FULL | RIPE |  |           |
| 37 | F5-3713A3-2-1                | 8/20     | SxR  |  | 4329      |
|    | F5-3713A3-2-2                | 8/16     | SxR  |  | 4330      |
|    | F5-3713A3-2-3                | 8/17     | SxR  |  | 4331      |
|    | Short str 1 good<br>1st full |          |      |  | <u>HN</u> |
|    | F5-3713A3-2-4                | 8/21     | SxR  |  | 4332      |
| 38 | F5-3713A3-3-1                | 8/28     | SxR  |  | 4333      |
|    | F5-3713A3-3-2                |          | SxR  |  | 4334      |
|    | F5-3713A3-3-3                | 8/24     | SxR  |  | 4335      |
| 36 | no very comp                 |          |      |  | 4336      |
|    | F5-3713A3-1-1                | 8/12     | SxR  |  | <u>HN</u> |
|    | Short straw v good           |          |      |  |           |



D A T E S

HEADING

FULL

1ST FULL

RIPE

F5-3713A3-1-3 SXR

4337

long  
8/11

F5-3713A3-1-3 SXR

4338

long  
8/17

F5-3713A3-1-4 SXR

4339

long  
8/14

~~TP. CK. F5-3713A3-1-5 SXR~~

4340

8/16

F5-3713A3-1-5 SXR

4341

long  
8/23

F5-3713A3-1-6 SXR

4342

long  
8/17

F5-3713A3-1-7 SXR

4343

long  
8/11

F5-3713A3-1-8 SXR

4344

long  
8/16

DATES

HEADING

FULL

1ST FULL

RIPE

4345

38 *best plants standing best 11/2/44*  
~~F<sub>4</sub>~~ Hyb. Mix. #10-44-13  
 T.P. x R x R-D

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4346

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4347

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4348

8/8

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4349

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4350

F<sub>4</sub>-Hyb. Mix. #10, T.P. + R x R-D

4351

38 *short plants, upright flag*  
~~F<sub>4</sub>~~ Hyb. Mix. #10, T.P. + R x R-D

4352

*peduncles barely emerged from  
 boot  
 excellent long grain*



DATES

HEADING FULL

1ST FULL RIPE

4353 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D  
*long*

4354 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D  
*8/10*

4355 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D

4356 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D  
*excellent long*

4357 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D

4358 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D  
*excellent long*

4359 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D

4360 ~~F<sub>4</sub>~~-Hyb. Mix. #10, T. P. + R x R-D  
T. P. C.K.  
*8/12*

| DATES    |      |
|----------|------|
| HEADING  | FULL |
| 1ST FULL | 2ND  |

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4361

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4362

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4363

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4364

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4365

~~N~~-Hyb. Mix. #10, T.P. + R x R-D  
8/17

4366

~~N~~-Hyb. Mix. #10, T.P. + R x R-D  
8/17

4367

~~N~~-Hyb. Mix. #10, T.P. + R x R-D

4368



DATES

| HEADING  | FULL |
|----------|------|
| 1ST FULL | RIPE |

4369 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

4370 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

4371 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

4372 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

4373 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

*sl. later than T.P. cut 9/17/45*  
*sl. green when cut*  
*Very short strong stalked much like the*  
*and other self branched upright flg*

4374 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

*excellent core*  
*8/14*

4375 ~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

4376 *T.P. or earlier*  
*heavy straw type*  
~~F<sub>4</sub>~~ - Hyb. Mix. #10, T.P. + R x R-D

*8/12*

538



| DATES   |                      |
|---------|----------------------|
| HEADING | FULL                 |
| 1ST     | FULL <del>RIPE</del> |

~~F~~<sub>4</sub>-Hyb. Mix. #10, T. P. + R x R-D 4377

~~F~~<sub>4</sub>-Hyb. Mix. #10, T. P. + R x R-D 4378

~~F~~<sub>4</sub>-Hyb. Mix. #10, T. P. + R x R-D 4379  
*excellent long*  
 8/15

✓ ~~T. P. ck.~~  
~~~~F~~<sub>4</sub>-Hyb. Mix. #10, T. P. + R x R-D 4380~~  
 8/12

~~F~~₄-Hyb. Mix. #10, T. P. + R x R-D 4381
excellent long

~~F~~₄-Hyb. Mix. #10, T. P. + R x R-D 4382

~~F~~₄-Hyb. Mix. #10, T. P. + R x R-D 4383

~~F~~₄-Hyb. Mix. #10, T. P. + R x R-D 4384
 8/14

D A T E S

| | | HEADING | | FULL | RIPE |
|------|--|---------|------|------|-------|
| | | 1ST | FULL | | |
| 4385 | FN -Hyb. Mix. #10, T.P. + R x R-D
8/10 | | | | 47-51 |
| 4386 | FN -Hyb. Mix. #10, T.P. + R x R-D
<i>excellent long</i> | | | | |
| 4387 | <i>TP over clear light
heavy straw types</i>
FN -Hyb. Mix. #10, T.P. + R x R-D
8/16 | | | | |
| 4388 | FN -Hyb. Mix. #10, T.P. + R x R-D | | | | |
| 4389 | FN -Hyb. Mix. #10, T.P. + R x R-D | | | | |
| 4390 | FN -Hyb. Mix. #10, T.P. + R x R-D
8/7 | | | | |
| 4391 | FN -Hyb. Mix. #10, T.P. + R x R-D
8/10 | | | | |
| 4392 | FN -Hyb. Mix. #10, T.P. + R x R-D | | | | |

DATES

HEADING

FULL

1ST FULL

RIPE

44-59
 Ry-Hyb. Mix. #10, T.P. + R x R-D 4393

Ry-Hyb. Mix. #10, T.P. + R x R-D 4394

Ry-Hyb. Mix. #10, T.P. + R x R-D 4395

5 Stiffer straw types 4396

B 4036 A1-7-1
 (321 A2-5 x R)
 8/15

B 4036 A1-7 (321 A2-5 x R) 4397

14

B 4036 A1-7.3 (321 A2-5 x R) 4398

8/16

B 4036 A1-7-4 (321 A2-5 x R) 4399

later maturing than others
 shorter straw, very good

~~B 4036 A1-7 (321 A2-5 x R) 4400~~

T.P. C.K.

8/12

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

4401 B4036 A1-7-5 (321 A2-5XR)

4402 B4036 A1-7-6 (321 A2-5XR)

4403 B4036 A1-7-7 (321 A2-5XR)

4404 B4036 A1-7-8 (321 A2-5XR)

4405 B4036 A1-7-9 (321 A2-5XR)

4406 B4036 A1-7-10 (321 A2-5XR)

4407 B4036 A1-7-11 (321 A2-5XR)

4408 B4036 A1-7-12 (321 A2-5XR)

DATES

HEADING

FULL

1ST FULL

RIPE

B 4036 A1-7¹³ (321A2-5xR) 4409
8/12

B 4036 A1-7¹⁴ (321A2-5xR) 4410

15 *stiff stranded types* 4411

B 4036 A1-3
(321A2-5xR)
8/14

B 4036 A1-3 (321A2-5xR) 4412

B 4036 A1-3 (321A2-5xR) 4413
8/16

~~B 4036 A1-3 (321A2-5xR) 4414~~
T P. C.K.
8/12

~~B 4036 A1-3 (321A2-5xR) 4415~~

~~B 4036 A1-3 (321A2-5xR) 4416~~

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

~~4417 B4036 A1-3 (321 A2-5XR)~~

~~4418 B4036 A1-3 (321 A2-5XR)~~

~~4419 B4036 A1-3 (321 A2-5XR)~~

~~4420 B4036 A1-3 (321 A2-5XR)~~

~~FP CK.~~

8/16

~~4421 B4036 A1-3 (321 A2-5XR)~~

~~4422 B4036 A1-3 (321 A2-5XR)~~

~~4423 B4036 A1-3 (321 A2-5XR)~~

~~4424 B4036 A1-3 (321 A2-5XR)~~

DATES

HEADING

FULL

1ST FULL

RIPE

B4036 A1-3 (321 A2-5XR) 4441

B4036 A1-3 (321 A2-5XR) 4442

B4036 A1-3 (321 A2-5XR) 4443

B4036 A1-3 (321 A2-5XR) 4444

B4036 A1-3 (321 A2-5XR) 4445

B4036 A1-3 (321 A2-5XR) 4446

B4036 A1-3 (321 A2-5XR) 4447

B4036 A1-3 (321 A2-5XR) 4448

Earliest

DATES

HEADING

FULL

1ST FULL

RIPE

5001 Hill E. Rexoro

8/28

2649

5002 Hill E. Rexoro

8/28

2649

5003 Hill E. Rexoro

Full med. gr.

8/29

Definitely taller & more vigorous than others

5004 Hill E. Rexoro

8/28

5005 Hill E. Rexoro

8/28

5006 Hill E. Rexoro

8/26

5007 Hill E. Rexoro

8/26

5008 Hill E. Rexoro

8/26

DATES

HEADING

FULL

1ST FULL

RIPE

Hill E. Rexoro

8/26

5009

~~Hill E. Rexoro~~~~Zenith CK.~~~~Bluebonnet?~~

5010

Hill E. Rexoro

8/28

5011

Hill E. Rexoro

8/24

5012

Hill E. Rexoro

8/30

rough buds, extreme

5013

rough buds, extreme
cells, slatted, many dark green leaves, In
gap drop to stem, taller than Bell seed, and in
good grain type

Hill Early Rexoro

8/28

5014

Hill Early Rexoro

9/28

5015

Hill Early Rexoro

8/30

5016

Pine Island material (late sown)

DATES

| HEADING | | FULL |
|---------|------|------|
| 1ST | FULL | RIPE |

Hill Early Rexoro

5017

Hill med-gr. ~~st~~ watch
longer than an. Seg. med & grain length, taller than
H-med.

Hill Early Rexoro

5018

Hill med-gr.
long-gr sel ~~B~~

long
sel

5019

Hill Early Rexoro

✓
long
sel

5020

~~Hill Early Rexoro~~
~~E.P.~~ CK.

juv 8/25

5021

Hill Early Rexoro

✓
long
sel

5022

Hill Early Rexoro

✓
long
sel

5023

Hill Early Rexoro

✓
long
sel

5024

Hill Early Rexoro

✓

D A T E S

| | HEADING | FULL
RIPE | |
|--|----------|--------------|------|
| | | | |
| Hill Early Rexoro
<i>Hill med-gr</i> | 1ST FULL | | 5025 |
| Hill Early Rexoro | | | 5026 |
| Hill Early Rexoro | | | 5027 |
| Hill Early Rexoro
<i>Hill long-grain</i> | | | 5028 |
| Hill Early Rexoro | | | 5029 |
| Hill Early Rexoro
Zenith CK.
8 $\frac{8}{25}$ | | | 5030 |
| Hill Early Rexoro | | | 5031 |
| Hill Early Rexoro | | | 5032 |

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

5033 Hill Early Rexoro
Hill Long-grain

5034 Hill Early Rexoro ✓

5035 Hill Early Rexoro ✓

5036 Hill Early Rexoro ✓

5037 Hill Early Rexoro ✓

5038 Hill Early Rexoro ✓

5039 Hill Early Rexoro ✓

5040 ~~Hill Early Rexoro~~
ck.
Smith 8/25

DATES

HEADING

FULL

1ST FULL

RIPE

Hill Early Rexoro

5041

Hill Early Rexoro

5042

Hill Early Rexoro

5043

Hill Early Rexoro

5044

Hill Early Rexoro

5045

Hill Early Rexoro

5046

Hill Early Rexoro

5047

Hill Early Rexoro

5048

8/27

nd-gr.

| D A T E S | |
|-----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

5049

4045 A1-4-2

2645

5050

~~4045 A1-4-2~~
 Zenith ck.
 8/25

5051

4045 A1-4-2
8/30

5052

4045 A1-4-2
8/28

5053

4045 A1-4-2
8/30

5054

4045 A1-4-2

5055

4045 A1-4-2

5056

4045 A1-4-2

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

✓ 4045 A1-4-2

5057

✓ 4045 A1-4-2

5058

4045 A1-4-2

5059

~~4045 A1-4-2~~
 F.P. C.K.
 Smith 8/25

5060

4045 A1-4-2

5061

4045 A1-4-2

8/31

5062

4045 A1-4-2

8/31

5063

✓ 4045 A1-4-2

5064

| | | D A T E S | | | |
|------|--|-----------|------|--|---|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| 5065 | 4045 A1-4-2 | | | | ✓ |
| 5066 | 4045 A1-4-2 | | | | ✓ |
| 5067 | 4045 A1-4-2 | | | | ✓ |
| 5068 | 4045 A1-4-2
8/30 | | | | ✓ |
| 5069 | 4045 A1-4-2
8/31 | | | | ✓ |
| 5070 | 4045 A1-4-2
Zenith CK.
8/25 | | | | |
| 5071 | 4045 A1-4-2 | | | | ✓ |
| 5072 | 4045 A1-4-2 | | | | ✓ |

| | | D A T E S | | | |
|-----|----------------------------------|--|------|--|------|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| ✓ | | 4045 A1-4-2 | | | 5073 |
| ✓ | | 4045 A1-4-2
8/30 | | | 5074 |
| | good
col for
myth. texture | | | | |
| 646 | | Hill E. Rexoro
8/27 | | | 5075 |
| ✓ | | Hill E. Rexoro
8/26 | | | 5076 |
| ✓ | | Hill E. Rexoro
8/25 | | | 5077 |
| ✓ | | Hill E. Rexoro
8/25 | | | 5078 |
| ✓ | | Hill E. Rexoro
8/26 | | | 5079 |
| | | Hill E. Rexoro
E.R. CR.
Genet. 8/25 | | | 5080 |

| | DATES | | |
|------|--|------|------|
| | HEADING | FULL | |
| | | 1ST | RIPE |
| 5081 | Hill E. Rexovo
8/27 | | 2646 |
| 5082 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/24 | | 5131 |
| 5083 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/24 | | ✓ |
| 5084 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/24 | | ✓ |
| 5085 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/24 | | ✓ |
| 5086 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/24 | | ✓ |
| 5087 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/25 | | ✓ |
| 5088 | F ₄ -4045 A1-4-1, (R-SBR x BR-41)
♂ cross 433A
8/27 | | ✓ |

| | DATES | | |
|-------------|------------------------------------|-----------------------|------|
| | HEADING | FULL | |
| | 1ST | FULL | RIPE |
| 2637
old | A3-4-2-1 | (4044A), (323A2-8xBR) | 5089 |
| | 8/24 | | |
| | A3-4-2
Zenith CK. | | 5090 |
| | 8/25 | | |
| 2637
old | Stockdick, Early Rexoro | | 5091 |
| 737
old | 8/25 | | |
| | A3-4-2-2 | | |
| | Stockdick, Early Rexoro | | 5092 |
| | 8/25 | -3 | |
| | Stockdick, Early Rexoro | | 5093 |
| | 8/26 | -4 | |
| | Stockdick, Early Rexoro | | 5094 |
| | 8/24 | -5 | |
| | Stockdick, Early Rexoro | | 5095 |
| | 8/20 | -6 | |
| | Stockdick, Early Rexoro | | 5096 |
| | 8/25 | -7 | |

| | DATES | | |
|------|---|----------|----------------|
| | HEADING | | FULL |
| | 1ST | FULL | RIPE |
| 5097 | A3-4-2-8/25 | (4044A), | (323A2-8 x BR) |
| | all of these seeds are very much alike | | 2637 gold |
| 5098 | A3-4-2-9/26 | | ✓ gold |
| 5099 | A3-4-2-10/26 | | ✓ gold |
| 5100 | A3-4-2 EP. CK.
Zemat 8/26 | | |
| 5101 | A3-4-2-11/30 | | ✓ gold |
| 5102 | A3-4-2-12/28 | | ✓ stem |
| 5103 | A3-4-2-13/27 | | ✓ stem |
| 5104 | A3-4-2-14/26 | | ✓ stem |

| | | DATES | | |
|------------|--|----------|----------------------------|------|
| | | HEADING | FULL | |
| | | 1ST FULL | RIPE | |
| ✓
train | A 3-4-2 ⁻¹⁵
8/25 | (4044A) | (323A 2 ^{-8xBR}) | 5105 |
| ✓
train | A 3-4-2 ⁻¹⁶
8/26 | | | 5106 |
| ✓
train | A 3-4-2 ⁻¹⁷
8/30 | | | 5107 |
| ✓
train | A 3-4-2 ⁻¹⁸
8/28 | | | 5108 |
| ✓
train | A 3-4-2 ⁻¹⁹
8/31 | | | 5109 |
| | A 3-4-2
Zenith CK.
8/27 | | | 5110 |
| ✓
train | A 3-4-2 ⁻²⁰
8/28 | | | 5111 |
| ✓
train | A 3-4-2 ⁻²¹
8/26 | | | 5112 |

| | DATES | | |
|------|--|--------------|-----------|
| | HEADING | FULL | RIPE |
| | 1ST FULL | | |
| 5113 | R3-4-2 (4044A),
8/30 | (323A2-8XBR) | ✓
stam |
| 5114 | R3-4-2-23
8/29 | | ✓
stam |
| 5115 | R3-4-2-24
8/30 | | ✓
stam |
| 5116 | R3-4-2-25
8/28 | | ✓
stam |
| 5117 | R3-4-2-26
8/27
Hm | | ✓
stam |
| 5118 | R3-4-2-27
8/29 | | ✓
stam |
| 5119 | R3-4-2-28
8/29 | | ✓
stam |
| 5120 | R3-4-2
K.P. CK.
Zunit
8/25 | | |

D A T E S

HEADING

FULL

1ST FULL

RIPE

✓
trans
A 3-4-2⁻²⁹ (4044A), (323A2-8x BR)

8/29

5121

✓
trans
A 3-4-2-30

8/29

5122

✓
trans
A 3-4-2-31

8/30

5123

✓
trans
A 3-4-2-32

8/30

5124

✓
trans
A 3-4-2-32

8/28

5125

✓
trans
A 3-4-2-33

8/30

5126

✓
trans
A 3-4-2-34

8/27

5127

✓
trans
A 3-4-2-35

8/30

5128

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

5129

#3-4-2³⁶ (4044A), (323A2-8x BR)
_{8/30} ✓
 strain

5130

~~#3-4-2~~
~~7000th~~ CK.
 Bluebonnet ?

DATES

HEADING

FULL

1ST FULL

RIPE

mid - long

| | D A T E S | | | |
|------|------------------------------|---------|---------|----|
| | H E A D I N G | | F U L L | |
| | 1 S T | F U L L | R I P E | |
| 5131 | B4033R4-30, T.P. X 3313R1-16 | | | 80 |
| | late 10/6 | | | |
| 5132 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5133 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5134 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5135 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5136 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5137 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |
| 5138 | B4033R4-30, T.P. X 3313R1-16 | | | ✓ |
| | late | | | |

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

✓ B4033A4-30, T.P. X 3313A1-16

5139

late

~~B4033A4-30, T.P. X 3313A1-16~~
Bluebonnet CK

5140

9/29

✓ B4033A4-30, T.P. X 3313A1-16

5141

0 B4033A4-30, T.P. X 3313A1-16

5142

*very n
on pr.*

earlier than preceding sets

B4033A4-30, T.P. X 3313A1-16

5143

B4033A4-30, T.P. X 3313A1-16

5144

B4033A4-30, T.P. X 3313A1-16

5145

B4033A4-30, T.P. X 3313A1-16

5146

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

5147 B4033A4-30, T.P. x 3313A1-16 ✓

5148 B4033A4-30, T.P. x 3313A1-16

5149 B4033A4-30, T.P. x 3313A1-16

5150 B4033A4-30, T.P. x 3313A1-16

✓ V. uniform lit. (sl stiffer straw than
earlier than Bro's) others

5151 B4033A4-30, T.P. x 3313A1-16

5152 B4033A4-30, T.P. x 3313A1-16

5153 B4033A4-30, T.P. x 3313A1-16

5154 B4033A4-30, T.P. x 3313A1-16

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

✓ B4033A4-30, T.P. x 3313A1-16

5155

B4033A4-30, T.P. x 3313A1-16

5156

B4033A-4-30, T.P. x 3313A1-16

5157

Short stem, earlier than Bkt. & shorter

B4033A-4-30, T.P. x 3313A1-16

5158

B4033A-4-30, T.P. x 3313A1-16

5159

Nina UK.

~~B4033A-4-30, T.P. x 3313A1-16~~

5160

B4033A-4-30, T.P. x 3313A1-16

5161

B4033A-4-30, T.P. x 3313A1-16

5162

| DATES | |
|-------------------------------------|-------------------------------------|
| HEADING | FULL |
| 1ST FULL | RIPE |
| ☒ | ☒ |

5163

B4033A4-30, T.P. x 3313A1-16 ✓

rather short stems

5164

B4033A4-30, T.P. x 3313A1-16

5165

B4033A4-30, ³T.P. x 3313A1-16*Very long grain & very long heads*

5166

B4033A4-30, T.P. x 3313A1-16

5167

B4033A4-30, T.P. x 3313A1-16

*80.
short-gr
non pr*

5168

B4033A4-30, T.P. x 3313A1-16

5169

B4033A4-30, T.P. x 3313A1-16

5170

B4033A4-30, T.P. x 3313A1-16

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

✓ B4033 A4-30, T.P. x 3313 A1-16

5171

• B4033 A4-30, T.P. x 3313 A1-16

5172

B4033 A4-30, T.P. x 3313 A1-16

5173

B4033 A4-30, T.P. x 3313 A1-16

5174

• B4033 A4-30, T.P. x 3313 A1-16

5175

B4033 A4-30, T.P. x 3313 A1-16

4
 plants glaucous, stiffer than
 than others

5176

B4033 A4-30, T.P. x 3313 A1-16

5177

B4033 A4-30, T.P. x 3313 A1-16

5178

DATES

HEADING
1ST FULL

FULL
RIPE

5179 B4033 A4-30, T.P. x3313 A1-16 ✓

Bluebonnet ck.

5180

B4033 A4-30, T.P. x3313 A1-16

5181

80
plum
non pr

5182

B4033 A4-30, T.P. x3313 A1-16

5183

B4033 A4-30, T.P. x3313 A1-16

5184

B4033 A4-30, T.P. x3313 A1-16

5185

B4033 A4-30, T.P. x3313 A1-16

5186

B4033 A4-30, T.P. x3313 A1-16

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

B4033 A4-30, T.P.x3313 A1-16

5187

B4033 A4-30, T.P.x3313 A1-16

5188

B4033 A4-30, T.P.x3313 A1-16

5189

B4033 A4-30, T.P.x3313 A1-16

5190

B4033 A4-30, T.P.x3313 A1-16

5191

See panicles
from each plant
v. long gr type
less for purple
type.

Ha

B4033 A4-30, T.P.x3313 A1-16

5192

B4033 A4-30, T.P.x3313 A1-16

5193

B4033 A4-30, T.P.x3313 A1-16

5194

| | DATES | | | |
|------|--------------|------|-------------|---|
| | HEADING | FULL | | |
| | | 1ST | FULL |  | RIPE |
| 5195 | B4033 A4-30, | T.P. | x3313 A1-16 | ✓ |
| 5196 | B4033 A4-30, | T.P. | x3313 A1-16 | |
| 5197 | B4033 A4-30, | T.P. | x3313 A1-16 | |
| 5198 | B4033 A4-30, | T.P. | x3313 A1-16 | |
| 5199 | B4033 A4-30, | T.P. | x3313 A1-16 | |
| 5200 | Nina | CK. | - | |
| 5201 | B4033 A4-30, | T.P. | x3313 A1-16 | |
| 5202 | B4033 A4-30, | T.P. | x3313 A1-16 | |

D A T E S

HEADING

FULL

1ST FULL

RIPE

B4033A4-30, T.P.X 3313A1-16

5203

B4033A4-30, T.P.X 3313A1-16

5204

B4033A4-30, T.P.X 3313A1-16

5205

B4033A4-30, T.P.X 3313A1-16

5206

B4033A4-30, T.P.X 3313A1-16

5207

B4033A4-30, T.P.X 3313A1-16

5208

B4033A4-30, T.P.X 3313A1-16

5209

B4033A4-30, T.P.X 3313A1-16

5210

DATES

HEADING

FULL

1ST FULL

RIPE

5211

B4033 A4-30, T.P. x3313 A1-16

5212

B4033 A4-30, T.P. x3313 A1-16

5213

B4033 A4-30, T.P. x3313 A1-16

5214

B4033 A4-30, T.P. x3313 A1-16

5215

B4033 A4-30, T.P. x3313 A1-16

5216

B4033 A4-30, T.P. x3313 A1-16

5217

B4033 A4-30, T.P. x3313 A1-16

5218

B4033 A4-30, T.P. x3313 A1-16

| D A T E S | | |
|-----------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

B4033A4-30, T.P.x3313A1-16

5219

Bluebonnet CK.

5220

B4033A4-30, T.P.x3313A1-16

5221

B4033A4-30, T.P.x3313A1-16

5222

B4033A4-30, T.P.x3313A1-16

5223

B4033A4-30, T.P.x3313A1-16

5224

B4033A4-30, T.P.x3313A1-16

5225

B4033A4-30, T.P.x3313A1-16

5226

| | D A T E S | | |
|------|-------------------|------------|--------------------------|
| | HEADING | FULL | |
| | 1ST FULL | RIPE | |
| 5227 | B4033A 4-30, T.P. | x3313A1-16 | ✓ |
| 5228 | B4033A 4-30, T.P. | x3313A1-16 | |
| 5229 | B4033A 4-30, T.P. | x3313A1-16 | |
| 5230 | B4033A 4-30, T.P. | x3313A1-16 | |
| 5231 | B4033A 4-30, T.P. | x3313A1-16 | |
| 5232 | B4033A -30, T.P. | x3313A1-16 | |
| 5233 | B4033A -30, T.P. | x3313A1-16 | 80
short-yr
purple |
| 5234 | B4033A -30, T.P. | x3313A1-16 | |

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

✓ B4033A4-30, T.P.X3313A1-16

5235

B4033A4-30, T.P.X3313A1-16

5236

B4033A4-30, T.P.X3313A1-16

5237

B4033A4-30, T.P.X3313A1-16

5238

B4033A4-30, T.P.X3313A1-16

5239

55 Nina GK

5240

~~Atta~~

B4033A4-30, T.P.X3313A1-16

5241

~~Atta~~

B4033A4-30, T.P.X3313A1-16

5242

| | DATES | | | | | |
|------|-----------------|-------------------------------|------|------|--|--|
| | HEADING | FULL | | | | |
| | | 1ST | FULL | RIPE | | |
| 5243 | Nira | B4033 A4-30 , TPX3313 A1-16 ✓ | | | | |
| 5244 | Nira | " | | | | |
| 5245 | Nira | " | | | | |
| 5246 | Nira | " | | | | |
| 5247 | Nira | " | | | | |
| 5248 | Nira | " | | | | |
| 5249 | Nira | " | | | | |
| 5250 | Nira | " | | | | |

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

~~Atira~~

B4033 A4-30, TPx33/3 A1-16

5251

~~Atira~~

"

5252

~~Atira~~

"

5253

~~Atira~~

"

5254

~~Atira~~

"

5255

~~Atira~~

"

5256

~~Atira~~

"

5257

~~Atira~~

"

5258

| | D A T E S | | | |
|------|----------------------------|---------------|--------------|----|
| | HEADING | FULL | | |
| | | 1ST | FULL |  | RIPE |
| 5259 | Mia B4033A4-30, | TPx3313A1-16 | | ✓ |
| 5260 | Bluebonnet C.K. | | | 60 |
| 5261 | Bluebonnet | B4033A4-30, | TPx3313A1-16 | ✓ |
| 5262 | Bluebonnet | " | | ✓ |
| 5263 | Bluebonnet | " | | ✓ |
| 5264 | B4026A5-6, | (3313A1-16XR) | | 74 |
| 5265 | B4026A5-6, | (3313A1-16XR) | | 74 |
| 5266 | B4026A5-6, | (3313A1-16XR) | | 74 |

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

74
B 4026 A5-6, (3313 A1-16 x R)

5267

854
A 4-30-2 (4033 A), TPx 3313 A1-16

5268

✓
A 4-30-2

5269

✓
A 4-30-2

5270

✓
A 4-30-2

5271

✓
A 4-30-2

5272

✓
A 4-30-2

5273

✓
A 4-30-2

5274

| | DATES | | |
|------|--|--------------|------|
| | HEADING | FULL | |
| | 1ST | FULL | RIPE |
| 5275 | F4 -4031A1-1-1, | T.P.x323A5-8 | 2686 |
| 5276 | F4 -4031A1-1-1, | TPx323A5-8 | ✓ |
| | <i>short stem, early</i> | | |
| 5277 | F4 -4031A1-1-1, | TPx323A5-8 | ✓ |
| 5278 | F4 -4031A1-1-1, | TPx323A5-8 | ✓ |
| | <i>shorter stem, earlier than others</i> | | |
| 5279 | F4 -4031A1-1-1, | TPx323A5-8 | ✓ |
| 5280 | Nina OK. | | |
| 5281 | F4 -4031A1-1-1, | TPx323A5-8 | ✓ |
| 5282 | A1-1-2 (4031A), | TPx323A5-8 | 2687 |
| | <i>all shorter than 5033A5 + not as early as 5033A5 + not as early</i> | | |

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

2687 P
682
#1-1-2² (4031A), TPx 323 #5-8

5283

#1-1-2³

5284

#1-1-2⁴

5285

#1-1-2⁵

5286

#1-1-2⁶

5287

#1-1-3-1

5288

#1-1-3-2

5289

#1-1-3-3

5290

late than 5282 (2-3 days)

longer given than 5292

late than 5292 (2-3 days)

DATE

| | HEADING | FULL | |
|------|--|---------------|------|
| | 1ST FULL | RIPE | |
| 5291 | A1-1-3 (4031A), | TP x 323 A5-8 | 2688 |
| 5292 | A1-1-3 - 5
very short, stiff stems, upright flag
many stools | | |
| 5293 | A1-1-3 - 6 | | |
| 5294 | A - 4031 A1-1-4, TP x 323 A5-8 | | 2689 |
| 5295 | A - 4031 A1-1-4, TP x 323 A5-8 | | |
| 5296 | A - 4031 A1-1-4, TP x 323 A5-8 | | |
| 5297 | A - 4031 A1-1-4, TP x 323 A5-8
early | | |
| 5298 | A - 4031 A1-1-4, TP x 323 A5-8
earliest | | |

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

✓ Fx-4031 A1-1-4, TPx323A5-8

5299

66 Bluebonnet CK.

5300

✓ ~~Bluebonnet~~ 4031 A1-1-4, TPx323A5-8

5301

✓ ~~Bluebonnet~~ " -8

5302

later than mine
about T.P. maturity

Hu

690 A1-1-5-1(4031A), TPx323A5-8

5303

✓ A1-1-5-2

5304

✓ A1-1-5-3

5305

✓ A1-1-5-4

5306

| | DATES | | | |
|-----------------------------|-------------------------------|------|------|------|
| | HEADING | FULL | | |
| | 1ST | FULL | RIPE | |
| 5307 | R1-1-5-5(4031A), TPX 323 R5-8 | | | 2690 |
| 5308 | R1-1-5-6 | | | ✓ |
| 5309 | R1-8-3 | | | 2698 |
| 5310 | R1-8-3 | | | ✓ |
| 5311 | R1-8-3-1 | | | ✓ |
| 5312 | R1-8-3-✓ | | | ✓ |
| 5313 | R1-8-3 | | | ✓ |
| 5314 | R1-24-1-1 | | | 2712 |
| A1-24 lines are put on 11/4 | | | | |

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

712 R1-24-1-2(4031R), TPX 323 175-8

Very uniform, very big

R1-24-1-3

R1-24-1-4

916 R1-347 B42-10-1

excellent
texture

✓ R1-347 B42-10-2

55 Nina GK

Blueberry Ch

✓ Nina 347 B42-10-1

✓ Nina

Are all shorter than B42

Very uniform lot: longer than B42
B42 9 also shorter than B42
Nina 347 B42-10-1
Nina 347 B42-10-2
Nina 347 B42-10-3
Nina 347 B42-10-4
Nina 347 B42-10-5
Nina 347 B42-10-6
Nina 347 B42-10-7
Nina 347 B42-10-8
Nina 347 B42-10-9
Nina 347 B42-10-10

5315
5316
5317
5318
5319
5320
5321
5322

| D A T E S | | |
|-----------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

| | | |
|---------------|------------------------------------|------|
| 5323 | Fr - 347 B 42 - 10 - 5 | 2916 |
| HT | | |
| 5324 | Fr - 347 B 42 - 10 - 6 | ✓ |
| HT | | |
| 5325 | Fr - 347 B 42 - 10 - 7 | ✓ |
| HT | | |
| 5326 | Fr - 347 B 42 - 10 - 8 | ✓ |
| HT | | |
| 5327 | Fr - 347 B 42 - 10 - 9 | ✓ |
| HT | | |
| 5328 | Fr - 347 B 42 - 10 - 10 | ✓ |
| HT | | |
| 5329 | Fr - 347 B 42 - 10 - 11 | ✓ |
| HT | | |
| 5330 | Fr - 347 B 42 - 10 - 12 | ✓ |
| HT | | |

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

829 A5-6-4-1 (4024A), 3313A-16XR

pr tips

5331

Ln

✓ A5-6-4-2

pr tips

5332

Ln

✓ A5-6-4-3

pr tips

5333

Ln

✓ A5-6-4-4

all non pr.

5334

Ln

are all taller than B42-10(?)
sl. earlier, about 15d mat.
Very sturdy stem

849 ~~A5-6-4-4~~ A4-15-5, TPX 3313A1-16

5335

✓ A4-4033A4-15-5, TPX 3313A1-16

5336

✓ A4-4033A4-15-5, TPX 3313A1-16

5337

✓ A4-4033A4-15-5, TPX 3313A1-16

5338

D A T E S

| HEADING | | FULL |
|---------|------|------|
| 1ST | FULL | RIPE |

5339

R4-15-6 (4033R), TPX3313 R1-16
2850

5340

Bluebonnet CK.

5341

R4-15-6

✓

5342

R4-15-6

✓

5343

R4-15-6

✓

5344

R4-15-6

✓

5345

R4-15-3-1

2847
Better quality
than 44-74

5346

R4-15-3-2

✓

DATES

HEADING

FULL

1ST FULL

RIPE

✓ A4-15-3-3 (4033A), TPx3313A1-16

5347

✓ A4-15-3-4

5348

✓ A4-15-3-5

5349

✓ A4-15-3-6

5350

✓ A4-15-3-7

5351

✓ A4-15-3-8

5352

✓ A4-15-3-9

5353

✓ A4-15-3

5354

✓ 1/2 mm
like A4-42
had strands
between

| DATES | | |
|---------|------|------|
| HEADING | | FULL |
| 1ST | FULL | RIPE |

starts 44-72 natural.

5355 A4-43-4 (4033R), TPx3313 A1-16
2868

short

5356 A4-43-4

short

5357 A4-43-4

tall

5358 A4-43-4

tall

5359 A4-43-4

tall

5360 Nina CK.

tall

5361 A4-43-4

5362 A4-43-4

short

| DATES | | |
|---------|------|------|
| HEADING | | FULL |
| 1ST | FULL | RIPE |

✓ A4-43-4 (4033A), TPx 3313A1-16 5363

A4-43-4

5364

A4-43-4-2

5365

one of my best.

hr.

A4-43-4

5366

A4-43-4

5367

A4-43-4

5368

A4-43-4

5369

A4-43-4-3

my good.

Have excellent
straw / seed
& very large.

Older

5370

hr

| | D A T E S | | | |
|------|-----------|-----------|---------|---------------|
| | HEADING | FULL | | |
| | 1ST | FULL | RIPE | |
| 5371 | A4-43-4 | (4033 A), | TPx3313 | A1-16
2868 |
| 5372 | A4-43-4 | | | |
| 5373 | A4-43-4 | | | |
| 5374 | A4-43-4 | | | |
| 5375 | A4-43-4 | | | |
| 5376 | A4-43-4 | | | |
| 5377 | A4-43-4 | | | |
| 5378 | A4-43-7 | | | 2871 |

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

871 74-43-7 (4033A), TPx 3313A1-16

5379

Bluebonnet CK.

5380

~~Bluebonnet~~
74-43-7

5381

~~Bluebonnet~~
"

5382

~~Bluebonnet~~
"

5383

~~Bluebonnet~~
"

5384

~~Bluebonnet~~
"

5385

~~Bluebonnet~~
"

5386

| | |
|-----------|------|
| D A T E S | |
| HEADING | FULL |
| 1ST FULL | RIPE |

4033 A4-43-7,

TP X 3313 A1-16

5387

2871

5388

A4-43-7-1

a longer grain type than most.

5389

A4-43-7

5390

A4-43-7

5391

A4-43-7

5392

A4-43-7

5393

A4-43-7

5394

A4-43-7

| DATES | |
|---------|------|
| HEADING | FULL |
| IS | RIPE |

4033A4-43-7, TPx3313A1-16

871 5395

A4-43-8

872 5396

Row 2872 was of variable grain length

A4-43-8

5397

A4-43-8

5398

A4-43-8

5399

Nira ck

55 5400

~~Nira~~

A4-43-8

5401

~~Nira~~

"

5402

| | D A T E S | | | |
|------|-------------------------------|------|------|------|
| | HEADING | | FULL | |
| | 1ST | FULL | RIPE | |
| 5403 | 4033 A4-43-8 , TPx 3313 A1-16 | | | 2872 |
| 5404 | A4-43-8 | | | |
| 5405 | A4-43-8 | | | |
| 5406 | A4-43-8 | | | |
| 5407 | A4-43-8 | | | |
| 5408 | A4-43-8 | | | |
| 5409 | A4-43-8 | | | |
| 5410 | A4-43-8 | | | |

| DATES | | |
|---------|------|------|
| HEADING | | FULL |
| 1ST | FULL | RIPE |

4033A4-43-8, TPX 3313A1-16

872

5411

B4033A4-43, TPX 3313A1-16

72

uppin
orking
miles

5412

B4033A4-43, TPX 3313A1-16

5413

B4033A4-43, TPX 3313A1-16

5414

B4033A4-43, TPX 3313A1-16

5415

B4033A4-43, TPX 3313A1-16

5416

B4033A4-43, TPX 3313A1-16

5417

B4033A4-43, TPX 3313A1-16

5418

| | DATES | | |
|------|-----------------------------|------|--------------------------------------|
| | HEADING | | FULL |
| | 1ST | FULL | RIPE |
| 5419 | B4033 A4-43, TPx 3313 A1-16 | | |
| | | | 72
superior
looking
panicle |
| 5420 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5421 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5422 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5423 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5424 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5425 | B4033 A4-43, TPx 3313 A1-16 | | |
| 5426 | B4033 A4-43, TPx 3313 A1-16 | | |

DATES

HEADING

FULL

1st F I

RIPE

B4033A4-43, TPX 3313A1-16 5427

B4033A4-43, TPX 3313A1-16 5428

B4033A4-43, TPX 3313A1-16 5429

44-72

~~Head for block~~

Dishman material

| | DATE | | |
|------|--------------------|-----------|-----|
| | HEADING | FULL | |
| | 1ST FULL | RIPE | |
| 5501 | B43-2792, BR. Sol. | | 306 |
| | 8/27 | | |
| 5502 | " | 8/30 | |
| 5503 | " | 8/20 Sep. | |
| 5504 | " | | |
| 5505 | " | | |
| 5506 | " | 8/30 | |
| 5507 | " | 8/30 | |
| 5508 | " | 8/30 | |

DATES

| HEADING | | FULL |
|---------|------|------|
| 1ST | FULL | RIPE |

843-2 792, BR. Sel.

306

8/30

5509

"

8/20

5510

Rougher.
smooth hull
on field
plots

8/20

5511

8/20

5512

8/25

5513

as all smooth, Pub typical smooth hull

8/20

5514

8/25

5515

8/26

5516

D A T E S

| | HEADING | | FULL | | Notes |
|------|--|------|------|------|--|
| | 1ST | FULL | | RIPE | |
| 5517 | 8/18 | 8/27 | | | Seag Smooth hull
Rough Smooth hull
from field
photo |
| 5518 | 8/19 | | | | Seag |
| 5519 | 8/24 | | | | Seag |
| 5520 | Smooth hull CK.
Bluebonnet CK
20 earlier than Smooth hull | | | | 144 |
| 5521 | 8/28 | | | | Seag |
| 5522 | 8/26 | | | | Seag |
| 5523 | 8/10 | 8/19 | | | R
20 prob Kamasa-47 |
| 5524 | 8/19 | | | | Seag |

| DATE | | TH | DATE |
|---------|---|------|------|
| HEADING | | FULL | |
| 10 | 1 | RIPE | |

Culmum

✓ 8/25 seg red tip 5525
Has a rather long-grain
larger than average.

8/31 R 5526
Standing very well

8/24 seg 5527
Very tall

8/24 seg 5528

8/21 seg 5529

8/29 seg 5530

8/20 seg red tip 5531

8/22 seg 5532

| | D A T E S | | | Rmk | |
|------|---|------|------|------------------------|-----|
| | HEADING | FULL | | | |
| | | 1ST | FULL |  |  | RIPE |
| 5533 | | 8/24 | | Seg | ✓ |
| 5534 | | 8/30 | | Seg | |
| 5535 | Rather short stem | 8/23 | | Seg | |
| 5536 | | 8/19 | | R | |
| 5537 | | 8/24 | | Seg | |
| 5538 | | 8/27 | | Seg | |
| 5539 | B43-2792, BR. sel. | 8/30 | | Seg | 306 |
| 5540 | BR-41 CK ?
Blueberry
8/24
or long grain variety | | | Smooth
Prob not BBL | |

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

B43-2792, BR. sel.

| | | | |
|-----|--|-------------|------|
| 206 | 8/23 | seg Red tip | 5541 |
| " | 8/20 | seg | 5542 |
| " | 8/19
short throat | seg | 5543 |
| " | 8/24 | seg | 5544 |
| " | 8/30 | seg | 5545 |
| " | 8/21
very short stem
narrow leaves | seg | 5546 |
| " | 8/30
narrow leaves | seg | 5547 |
| " | 8/29 | Rough | 5548 |

| | D A T E S | | | |
|------|----------------------|-----------------------------|-----------------|-----|
| | H E A D I N G | | F U L L | |
| | 1 S T | F U L L | R I P E | |
| 5549 | B43-2792, BR. Sel. | | | |
| | 8/10 | seg | seg | 306 |
| 5550 | " | | | |
| | 8/28 | standing very well as 10/21 | seg | 306 |
| | shorter than average | | | |
| 5551 | " | | | |
| | 8/22 | seg | Rough | |
| | V. Uniform heading | 10/21 | seg smooth well | |
| | | | sets broken | |
| | | | pm | |
| 5552 | " | | | |
| | 8/20 | Rather short strain | seg | |
| 5553 | " | | | |
| | 8/24 | Rather short strain | seg nut type | |
| 5554 | " | | | |
| | 8/23 | | seg | |
| 5555 | " | | | |
| | 8/24 | | seg | |
| 5556 | " | | | |
| | 8/24 | Rather short strain | seg Red tips | |
| | Very good now. | | | |

| DATES | |
|---------|------|
| HEADING | FULL |
| 1ST | RIPE |

✓ 8/31 all rough
standing much better than
other runs on 10/21 5557

8/20 seg 5558

8/18 seg 5559
gold hulls

Prob. Bluebonnet, 5560

8/20 seg Red Top 5561

8/22 seg 5562

8/20 seg 5563

8/9 seg 5564
possibly a Banner cross
cream hulls

D A T E S

HEADING

FULL

1ST FULL

RIPE

Pinkman

5565

8/20

Rough
Segs Smooth hull
sel, blackman
form

5566

8/20

Segs

✓

B 3710 R1-20-2-2, K+H x BR

5567

8/19 Segs?

131

Impetuous rogue

long grain, short straw

Short very green straw, also some segs gold straw very good.

Smooth hull sel

5568

8/29

Don short plant

B 376 R2-72-4, I BR-F x S

5569

8/25

92

Don Smooth Segs

Short plants, green

B 43-2089, BR

5570

8/17

90

Segs Rough sel

Short straw, very good, grain longer than original

5571

8/17

Segs

Very long heads, fairly short straw, grain longer than original

5572

8/19

Segs

Fairly short straw, good

| | DATES | | Pulse | |
|---------------------------------------|-------------------------|-----------|-------|------|
| | HEADING | FULL | | |
| | 1ST | FULL | RIPE | |
| B43-2089, BR | | | | |
| 8/7 | Fairly short stem good, | Sign | | 5573 |
| " | 8/19 | Sign | | 5574 |
| Very green stem on 1/2 | Standing very well | Very hard | | |
| " | 8/18 | Sign | | 5575 |
| Very good, fairly short stem, Uniform | gram quite long | | | |
| " | 8/18 | Sign | | 5576 |
| Taller than some, only fair | | | | |
| " | 8/19 | Sign | | 5577 |
| Fairly short stem good | | | | |
| " | 8/18 | Sign | | 5578 |
| " | 8/15 | Sign | | 5579 |
| Very early smooth plant and | | | | |
| C 8/26 | | | | 5580 |

| DATE'S | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

2/10/20

5581

B43 - 2089, BR

8/17

Segs Red tips

5582

"

8/18

Some quite long grain types

Segs 1/2 type

5583

"

8/19

quite full med. grain types

Segs

5584

"

8/20

Segs

5585

"

5586

"

5587

"

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

~~8/8-2089, RR~~

Earlier

| DATES | |
|----------|------|
| HEADING | FULL |
| 1st FULL | RIPE |

423R, 44-404R1-46 X 353R2-14

2001

8/7 8/19

549

Very tall
by stem

2002

"-2
8/9 8/18

2003

"-3

2004

"-4

2005

"-5
7/31 8/6 8/6

~~Not~~ much shorter than 2001, 1 & 2
easy to thresh

2006

"-6
8/7 8/17

~~Not~~ Rather hard to thresh

2007

"-7
8/6 8/15

2008

"-8
8/5 8/15

~~Not~~

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

423A44-9, 404A1-46 x 353A2-14

549

8/14

2009

"

-10

8/8

8/17

2010

"

-11

8/4

8/14

2011

"

-12

8/2

8/9

2012

"

-13

8/2

8/2

2013

"

-14

8/3

8/16

2014

"

-15

8/4

8/17

2015

Mr

"

-16

8/7

8/21

2016

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

2017

423A, 404A1-46 x 35 3A2-14

8/4 8/16

549

shady, lower injured heads

2018

"-18

8/4 8/15

2019

"-19

8/9 8/21

2020

Zenith

CK.

8/1 8/14

2021

423A, 404A1-46 x 35 3A2-14

8/7 8/17

549

2022

"-21

8/10 8/21

2023

412A5-45

8323 x (K x 7143)

8/8 segs.

2182 club

2024

412A5-45

8323 x (K x 7143)

8/1 segs.

2185

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

412 A5-52 , 8323 x (K x 7143)

192

8/8 Day
 3yr old grain type
 Saved 4 late sals.
 late look very good

2025

Hr

7/25 Seq

2026

"

8/2 Seq

2027

412 A5-53 , 8323 x (K x 7143)

193

8/1 Seq

2028

B3810 B44-1

28

8/12 8/18
 sent to Davis

2029

Hr

-2

sent to Davis

8/15 8/23

looks quite good.

2030

Hr

-3

sent to Davis 7/24 8/4

2031

-4

sent to Davis

8/6

2032

| | D A T E S | | | |
|------|------------------------------|----------------|------|-------------|
| | HEADING | FULL | | |
| | 1ST | FULL | RIPE | |
| 2033 | B3810 B44-5
sent to Davis | 8/6 | | 528 |
| 2034 | " | 6
8/7 | | ✓ |
| 2035 | " | 7
8/7 | | ✓ |
| 2036 | " | 8
8/5 | | ✓ |
| 2037 | " | 9
8/5 | | ✓ |
| 2038 | " | 10
8/5 8/14 | | ✓ |
| 2039 | " | 8/14 8/21 | | ✓
9/2/74 |
| 2040 | Early Proligio CK | 8/5 8/12 | | |

| | | D A T E S | | | C. O. | |
|--------|---|-----------|------|------|-------|-----------|
| | | HEADING | | FULL | | |
| | | 1ST | FULL | RIPE | | |
| 28 | B3810B44- 8 | 8/20 | 8/20 | 8/20 | R | 2041 |
| 9/2/44 | leaves stay green, a very stiff-strawed
head: rough hulls, BR nut, V. good | | | | | <u>Ho</u> |
| ✓ | | 8/9 | 13 | | | 2042 |
| | V. good growth rough hulls | | | | | |
| ✓ | | 7/25 | 14 | | | 2043 |
| ✓ | | 8/8 | 15 | | | 2044 |
| ✓ | | 8/10 | 16 | 8/18 | | 2045 |
| | very tall vegetatively, long wide leaves | | | | | |
| ✓ | | 7/25 | 17 | | | 2046 |
| ✓ | | 8/9 | 18 | 8/15 | | 2047 |
| | long-grain smooth | | | | | <u>Ho</u> |
| 28 | | 7/31 | 19 | 8/10 | | 2048 |
| 19/44 | | | | | | |
| 28 | | | | | | |

| | | DATES | | | |
|------|-----------------|---------|--------------------|------|-------------------|
| | | HEADING | FULL | | |
| | | | 1ST FULL | RIPE | |
| 2049 | B3810 B 44 - 20 | 8/1 | | | 528
Dr 8/19/47 |
| 2050 | " | 7/29 | 8/7 ²¹ | | ✓ |
| 2051 | " | 8/5 | 8/18 ²² | | ✓ |
| 2052 | " | 8/1 | 8/9 ²³ | | ✓ |
| 2053 | " | 8/7 | Aug ²⁴ | | ✓ |
| 2054 | " | 8/1 | 8/9 ²⁵ | | ✓ |
| 2055 | " | 8/2 | 8/15 ²⁶ | | ✓ |
| 2056 | " | 8/5 | 8/15 ²⁷ | | ✓ |

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

B3810 B44-~~28~~

7/31 8/12

2057

"

8/1 8/12²⁹

2058

B3810 R17-1-1, S-EPXCA-CLY

8/1 8/13

2059

Zenith ck.

8/4 8/15

2060

~~Zenith~~

B3810 R17-1-1,

S-EPXCA-CLY

7/31 8/18

2061

~~Zenith~~ "

8/9

2062

Her~~Zenith~~ "

Aug? 8/13

2063

~~Zenith~~ "

8/12

2064

| DATE S | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

2065 B3810 717-1-1, S-EP x CP-Cdy
8/12 29
Pint
clean

2066 " 8/10 10 ✓

2067 " Aug 8/12 ✓

2068 " 8/10 ✓

2069 " 8/12 ✓

possible clear line
for many beds

2070 " 8/9 ✓

2071 " 8/9 ✓

2072 " 8/12 ✓

| | | DATES | | |
|-----------------------------|----------------|----------------------|-----------------------|--------------|
| | | HEADING | FULL | |
| | | 1ST | FULL | RIPE |
| g
rob
clear | B3810#17-1-1 | 8/13 | S-E P x CH | -Cdy
2073 |
| ✓ | " | 8/12 | | 2074 |
| ✓ | " | 8/10
1 late plant | | 2075 |
| 194-
22/
rob
clear | 3810#17-1 | 8/10 | (S x EP) x (CA x Cdy) | 2076 |
| ✓ | " | 8/10 | | 2077 |
| ✓ | " | 8/6 8/15 | | 2078 |
| ✓ | " | 8/11 8/14 | | 2079 |
| 1 | Early Prolific | 8/11 8/14 | | 2080 |

| D A T E S | |
|-----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

2081

3810A17-1

(SxEP)x(CAxCdy)

8/9

2194-
2221
Purb-
clear

2082

B3810B43-1

S-EP x CA-Cdy

8/10

2222
opaque

2083

B3810 B43-2

S-EP x CA-Cdy

8/10

2223
opaque

2084

B3810 B43-3

S-EP x CA-Cdy

8/8

2224
clear

2085

B3810 B43-4

S-EP x CA-Cdy

8/8

2225

2086

"

8/7

8/7

✓

2087

"

8/10

✓
Purb
clear

2088

B3810B43-5

S-EP x CA-Cdy

8/7

2226

| | HEADING | DATES | | C.O. | |
|-----|--|----------|-----------|------|---------|
| | | 1ST FULL | FULL RIPE | | |
| 227 | B3810 B43-6 | 8/7 | S-RP x CA | cdy | 2089 |
| 229 | | -8 | 8/11 | | 2090 |
| ✓ | | -8 | 8/11 | | 2091 |
| 634 | 4044A3-1-1 $\frac{1}{2}$ (323A2-8xBR) | 8/25 | | 0 | 2092 |
| | Very green stem No CO, Rather short sturdy stem, Very good | | | | NH |
| | " | 8/28 | | 0 | 2093 |
| | Similar to 2092 but much taller | | | | |
| | " | 8/26 | 3 | 0 | 2094 |
| | " | 8/25 | 4 | 0 | 2095 |
| | quite uniform | | | | NH |
| | " | 8/14 | 8/29 | | M-R2096 |
| | earlier 21 not as stiff | | | | |
| | stronger as other rows | | | | |

No C.O. on these rows

These rows are outstanding
No C.O. and excellent stems
Stems very green,
short stems long stems

| | D A T E S | | |
|------|--|--------------|--------|
| | HEADING | FULL | |
| | 1ST FULL | RIPE | |
| 2097 | 4044A3-1-1-6
8/21 | (323A2-8xBR) | 2634 |
| 2098 | R 3-5-2,
8/9 8/21 | " | R 2639 |
| | Fairly tall, smooth mid gr.
may be seg. for month
all taller than Smooth | | |
| 2099 | "
8/5 8/15
seg. lt. | " | ✓ |
| 2100 | Zenith
8/7 8/15 | | 3 |
| 2101 | 4044A3-5-2,
8/7 8/16 | (323A2-8xBR) | ✓ |
| 2102 | "
8/6 8/15 | | ✓ |
| 2103 | "
8/6 8/15 | | ✓ |
| 2104 | "
8/6 8/17 | | ✓ |

| | | DATES | | C.O. | |
|----|------|--|-------------------|----------|-------------------|
| | | HEADING | FULL | | |
| | | 1ST | FULL | | |
| 41 | 4645 | 8/4 ¹
8/9 | 32372-8 x
8/17 | BR-41 | 2105 |
| ✓ | " | 8/11 | | | 2106
<u>Hr</u> |
| ✓ | " | 8/8 ³
Stood much better than others
small seeded, | | S-R
? | 2107
<u>Hr</u> |
| ✓ | " | 8/9 ⁴ | | | 2108 |
| ✓ | " | 8/7 ⁵ | 8/15 | R | 2109 |
| ✓ | " | 8/8 ⁶ | 8/18 | | 2110 |
| ✓ | " | 8/2 ⁷ seg | | | 2111 |
| ✓ | " | 8/9 ⁸
Stood properly | | R | 2112
<u>Hr</u> |

| | DATE'S | | | |
|-----------|----------------------------------|------|--------------------------|------|
| | HEADING | FULL | | |
| | | 1ST | RIPE | |
| 2113 | 4045 A1-2-3 ,
8/14 | | 323 A2-8 x BR-41
2643 | |
| <i>HN</i> | | | | |
| 2114 | "
8/9 | | " | ✓ |
| 2115 | 4045 A1-4-1
8/9 8/21 | | " | 2644 |
| 2116 | "
8/12 | | " | ✓ |
| <i>HN</i> | longest grain type, not too late | | | R. |
| 2117 | "
8/12 | | " | ✓ |
| 2118 | "
8/12 | | " | ✓ |
| 2119 | "
8/9 8/22 | | " | ✓ |
| 2120 | Early Prolific
8/4 8/16 | | | 1 |

DATES

HEADING

FULL

1ST FULL

RIPE

C.O

B4031R1-1-1/2

TP X 323 R5-8

Start of mid-late

266

8/8 Aug

Short stem

2121

"

7

8/10

2122

"

8

8/2

Pink earliest set

2123

1/2

"

9

8/14

2124

"

10

8/26

late row, very good

2125

1/2

"

11

8/30

2126

"

12

8/1 Aug

R

2127

"

13

Very late row, sup stem

R

2128

1/2

| D A T E S | | |
|-----------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

C.O

B4031A1-1-14 TPx323A5-8

2129

266

2130

" -15
8/27

✓

2131

" -16
8/15

R.

✓

2132

4031A1-3-2 , TPx323A5-8

8/10

R

2692

all very good types R
but grain must be short
and green most to short
and green most to short
8/13 short straw, sturdy

2133

✓

2134

4031A1-3-3 ,

TPx323A5-8

8/9

2693

2135

" 8/8

✓

2136

" 8/8

✓

| | | D A T E S | | | |
|-----|---|------------------------|-------------------|------|--|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| 694 | ✓ | 4031 A 1-6-1
8/17 | TPx 323 A5-8
S | 2137 | |
| | ✓ | "
	✓	"8/30 | S | 2138 | |
| 695 | | A 1-6-2
8/17 | R | 2139 | |
| 690 | | Blebonnet
8/17 8/31 | | 2140 | |
| 695 | | 4031 A 1-6-2
8/29 | TPx 32 - A5-8 | 2141 | |
| 699 | | A 1-16-1
8/20 | | 2142 | |
| | ✓ | "
	✓	"8/14 | | 2143 | |
| | ✓ | "
	✓	"8/17 | | 2144 | |

| | DATES | | C.O | |
|------|-------------------------------------|-----------|-----|------|
| | HEADING | FULL | | |
| | | RIPE | | |
| 2145 | 4031 A1-16-2 | 8/13 8/23 | M | 2701 |
| 2146 | A1-16-3 | 8/17 | | 2702 |
| 2147 | " | 8/20 | | ✓ |
| 2148 | A1-16-4 | 8/17 | | 2703 |
| 2149 | A1-20-1 | 8/22 | | 2704 |
| 2150 | " | 8/21 | | ✓ |
| 2151 | " | 8/22 | | ✓ |
| 2152 | 4031 A1-20-2-1 TPx 32375-8 | 8/8 8/21 | M-S | 2705 |
| | very uniform, most plants have awns | | | |

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

2705 4031 A1-20-2-3 TPx 323 A5-8 2153
8/8 8/22

✓ " 8/21 - 3 2154

✓ " 8/8 8/22 - 4 2155

Similar to 2152 but no arrows
Heads not as long tho.

✓ " 8/17 - 5 2156

Nh

2706 A1-23-1 8/16 2157

707 A1-23-2 8/17 2158

✓ " 8/14 2159

Totals

55 Nina 8/26 2160

| | DATES | | |
|------|--------------|------|---|
| | HEADING | FULL | |
| | 1ST | FULL | RIPE |
| 2161 | 4031 A1-23-2 | 8/14 | TPX323A5-8
2707 |
| 2162 | " | 8/14 | ✓ |
| 2163 | A1-23-3 | 8/16 | 2708 |
| 2164 | " | 8/12 | ✓ |
| 2165 | A1-23-4 | 8/12 | 2709 |
| 2166 | " | 8/17 | ✓
good gr.
shape |
| 2167 | " | 8/11 | ✓ |
| 2168 | A1-23-5 | 8/14 | R. 2710
shorter straw
than others |

| | | D A T E S | | | |
|---------------------|-------------------------|-----------|------|--|------|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| 710
ch stream | 4031A1-23-5, TPx323A5-8 | 8/14 | | | 2169 |
| ✓
lost
stream | " | 8/21 | | | 2170 |
| 711
ll, late | A1-18-1 | 8/30 | | | 2171 |
| 712 | A1-24-2 | 8/11 | | | 2172 |
| 2714 | A1-24-3 | 8/13 | | | 2173 |
| ✓ | " | 8/10 | | | 2174 |
| 715 | A1-24-4 | 8/14 | | | 2175 |
| 718 | A1-32-1 | 8/21 | | | 2176 |

| DATES | |
|----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

4031A 1-7-2, TP x 323A5-8

2177

8/30

2962

A 1-7-3

2178

8/30

2963

2179

8/30

✓

Fortuna

2180

8/21

57

2181

"

8/30

Has white tip

✓

2182

"

8/30

possibly standing better than other? stuff straw

✓

2183

4031A 1-7-5, TP x 323A5-8

8/31

2965

2184

some white tip

appears to have longer grain than T.P.

✓

D A T E S

| | | HEADING | | FULL
RIPE | C. O. | |
|-----|--|---------|---------------------|--------------|-------|------|
| | | 1ST | FULL | | | |
| 809 | ✓ | 4025 | R1-17-1, (3313 | R1-14 x 3313 | R1-4) | 2185 |
| | | | 8/30 | | | |
| 810 | | | R1-17-2 | | | 2186 |
| | | | 8/28 | | | |
| ✓ | | | " | | | 2187 |
| | | | 8/21 | | | |
| ✓ | | | " | | | 2188 |
| | | | 8/24 | | | |
| 814 | ✓ | | R1-18-4 | | R | 2189 |
| | | | 8/21 | | | |
| ✓ | are very heavy
strawed, stand very
well, no CO | | " | | R | 2190 |
| | | | 8/21 | | | |
| 826 | | 4026 | A5-6-1, 3313 | A1-16 x R | | 2191 |
| | | | 8/23 | | S | 1/4 |
| 827 | | | A-5-6-2 | | S | 2192 |
| | | | 8/14 | | | |
| | | | earlier than others | | | |

| | DATES | | | C.O. |
|------|---|----------|------|----------|
| | HEADING | FULL | | |
| | | 1ST FULL | RIPE | |
| 2193 | 4024 R5-6-3 , 3313 R1-16 x R | 8/20 | | S 2828 |
| ✓ | Best looking row. | | | |
| 2194 | R5-12-1 | 8/21 | | seg 2830 |
| | Rex mat types present | | | |
| 2195 | " | 8/22 | | seg 2830 |
| | Rex mat types present | | | |
| 2196 | R5-23-4 | 8/25 | | M-R 2834 |
| | Rex mat types present | | | |
| 2197 | " | 8/25 | | M-R 2834 |
| | Rex mat types present | | | |
| 2198 | R5-31-2 | 8/20 | | 2836 |
| 2199 | R5-31-3 | 8/17 | | S 2837 |
| ✓ | Compare with 4033A lines. 20S & CO hint
prob much stiffer than 4033AY-X3. et al. | | | |
| 2200 | Bluebonnet | 8/17 | | 60 |

based on measurements
 Rex mat. types right
 v. stiffs straw, prob. C.O. seed

DATES

| | | HEADING | FULL | | |
|--------------------|------|-----------------|-----------------|-----|------|
| | | 1ST FULL | RIPE | | |
| 2838 | 4026 | 75-31-4
8/21 | (331371-16 x R) | Co | 2201 |
| ✓ | " | 8/21 | | | 2202 |
| 839 | 4033 | 74-4-1
8/17 | TPx 331371-16 | | 2203 |
| 2841
late types | | 74-4-2
8/20 | | | 2204 |
| 2841 | " | 8/21 | | S | 2205 |
| 2842 | | 74-4-3
8/19 | | S | 2206 |
| 2843 | | 74-11-1
8/20 | | M-R | 2207 |
| ✓ | " | 8/14 | | M-S | 2208 |

| | D A T E S | | | |
|------|--|------------------------|------|--|
| | HEADING | FULL | | |
| | | RIPE | | |
| 2209 | 4033 A4-12-1
8/16 | TP x 3313 A1-16
M-R | 2844 | |
| 2210 | "
9/21 seg. | M-R | ✓ | |
| 2211 | A4-15-4
8/14 seg. | S | 2848 | |
| 2212 | A4-15-6
8/16 seg. | M-S
seg. | 2850 | |
| 2213 | 4033 A4-17-1
8/15 | TP x 3313 A1-16
M-S | 2851 | |
| 2214 | "
8/31
Proh T.P. maturity.
Rather short Proh than straw than T.P. | R. | ✓ | |
| 2215 | A4-30-2
8/21 | R-S | 2854 | |
| 2216 | "
8/16 | M-S | ✓ | |

| | D A T E S | | | | |
|------|---------------|---------|----------|--------------|------|
| | H E A D I N G | | F U L L | | |
| | 1 S T | F U L L | R I P E | | |
| 2855 | 4033 | A4-30-3 | 8/19 | TPx33/3
M | 2217 |
| 2857 | | A4-30-5 | 8/15 | S | 2218 |
| 2861 | | A4-31-1 | 8/23 seg | R? | 2219 |
| 55 | Nira | | 8/25 | R | 2220 |
| 2861 | | A4-31-1 | 8/20 seg | R | 2221 |
| 2865 | | A4-43-1 | 8/17 | S | 2222 |
| 2866 | | A4-43-2 | 8/17 | M-R | 2223 |
| 866 | | " | Tall | M-R | 2224 |

| | DATES | | | Co. |
|---|---------|-----------|------|----------------------------|
| | HEADING | | FULL | |
| | 1ST | FUL | RIPE | |
| 2225 | 4033 | A4-43-2 | 8/17 | TPx 3313 A1-16
M-R 2866 |
| 2226 | | A4-43-3-1 | 8/16 | M-S 2867 |
| 2227 | | " | 8/14 | -2 M-R ✓ |
| earliest, short stem, uniform | | | | |
| 2228 | | " | 8/15 | -3 M-R ✓ |
| v. tall, late | | | | |
| 2229 | | A4-43-6-1 | 8/18 | 2870 |
| v. tall, late
dies back quite rapidly | | | | |
| 2230 | | " | 8/22 | -2 M-R 2870 |
| A very good row
short stem quite green | | | | |
| 2231 | | A4-43-10 | 8/20 | R-S 2874 |
| 2232 | | A4-43-11 | 8/21 | M-S 2875 |

| | DATES | | | C.O. |
|-----|---|------------------------|----------|-----------|
| | HEADING | | FULL | |
| | 1ST | FULL | RIPE | |
| 876 | 4033 | A4-46-1 | TPx 3313 | R1-16 |
| | 8/21 | Seg | R-S | 2233 |
| 877 | | A4-47-1-1 | | |
| | 8/21 | | R-S | 2234 |
| | type appears as short stem, very uniform. <u>HR</u> | | | |
| | and as A4-43 family long grain short like 2236 | | | |
| | " | -2 | | |
| ✓ | 8/17 | | M-R | 2235 |
| do | | same as | 2238 | |
| | " | -3 | | |
| ✓ | 8/17 | shortest | M-R | 2236 |
| | " | -4 | | |
| ✓ | 8/24 | Tall | M-S | 2237 |
| | " | -5 | | |
| ✓ | 8/25 | much shorter than 2237 | M-R | 2238 |
| | Very big stem | | | <u>HR</u> |
| | B4015 | A10-1, (2912A13xBR-41) | | |
| 81 | | ? | R. | 2239 |
| | very tall etc | | | |
| | Texas Fortuna | | | |
| 57 | 8/21 | very little CO. | M-R | 2240 |

| | DATES | | | CP | |
|------|--------------------------|------------|-----------------------------|-------------------|----------------------------|
| | HEADING | | FULL | | |
| | 1ST | FULL | RIPE | | |
| 2241 | B4015A10-1 | ? | late | (2912A13 x BR-41) | 81
long sl
rogue |
| 2242 | B376A2-17-2 | ? | | IBR-FXS | M-S 87
long sl
rogue |
| 2243 | " | ? | | M-S | ✓ |
| 2244 | Stockdick - Early Rexoro | 8/11 late? | uniform hot long straw | | 2722 |
| 2245 | " | | | M-S | 2724 |
| 2246 | " | 8/9 | uniform leaves, short straw | M-S | 2726 |
| 2247 | " | 8/30 | | S | 2730 |
| 2248 | " | 8/26 | | S | 2732 |

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

Go,

stock dick - Early Rexoro

744

8/30

M-S

2249

"

749

8/30

M-S

2250

Hu

Blue bonnet Sel, (gold hull)

764

8/22

M

2251

very short straw, very brown
on 10/4Hu

Nira Sel, (gold - hull)

766

2252

Same several earlier.

Hill, Early Rexoro

661

8/6

8/17

2253

Hu

"

8/6

8/17

2254

Hu

y

8/6

8/17

2255

Hu

347

B44-1

R x N

512

T

8/24

M-S

2256

-9/2/44

Tall

TD = tall dark

| | | DATES | | | |
|------|---|----------|--|------|-------------------------|
| | | HEADING | | FULL | |
| | | 1ST FULL | | RIPE | |
| | | | | | C, O, |
| 2257 | 347 R44-1 ^{R44-2} , R x N
TD 8/22
Tall | | | | M-R. 5/2
1 dm 8/2/44 |
| 2258 | " 3
TD 8/21
V short strain dress back slowly
grain as slender as T.P. show hull color.
H. shorter than BBT, much less drying than BBT | | | R | ✓ |
| 2259 | " 4
TD 8/17
an 8/10 = Rather light green color, stalks profusely, a
medium grain type, uniform as to vegetation type, smooth
watch | | | R | ✓ |
| 2260 | Blue bonnet
T 8/19 | | | | M-S 60 |
| 2261 | 347 R44-1 ^{R44-5} , R x N
TD 8/19
Tall. | | | R | ✓ |
| 2262 | " 6
MD 8/25
Tall | | | R | ✓ |
| 2263 | " 7
TM 8/25
Very similar to 2258, BBT type, stalks | | | R | ✓ |
| 2264 | " 8
TD 8/21
Similar to 2258 BBT type, stalks | | | R | ✓ |

| | | D A T E S | | C. O | |
|---------|-----|---|------|------|------|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| 512 | MD | 347 B44-9 R x N
8/21 | | R | 2265 |
| | | Excellent quality
Similar to 2258
Taller of the type | | | He |
| ✓ | TD | " 10
8/25 | | R-M | 2266 |
| | | Tall. | | | |
| ✓ | TD | " 11
8/25 | | R-M | 2267 |
| | | Tall | | | |
| 512 | TD | " 12
8/27 | | | 2268 |
| ✓ | | Tall | | R-M | |
| 1/20/44 | | | | | |
| ✓ | VTM | " 13
8/24 | | R | 2269 |
| | | Very short stem
Excellent short stemmed BBT type in fact
like 2258, possibly more leafy | | | He |
| ✓ | TVD | " 14
8/21 | | | 2270 |
| ✓ | Th | " 15
8/21 | | R | 2271 |
| | | another BBT type like 2258 | | | He |
| ✓ | MD | " 16
8/21 | | R | 2272 |
| | | like 2258, taller than most | | | He |

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

C.O.

2273 TD 347 B48, 17R x 14
8/31

5/2
1 hr 9/29/44

2274 TD " -18
8/22

✓

2275 TD " -19
9/11

✓

2276 VTVD " -20
8/22

✓

2277 MD " -21
8/29

✓

Very good, 9 number defectives
shorter stalk than most.

2278 TVD " -22
8/26

✓

2279 TM " -23
8/30

R.

✓

1 hr gold bearded type like 2258
short, very green straw, later than
B48, B40-9 maturity + straw

2280 Nina VT D 8/26

55

DATES

HEADING

FULL

1ST FULL

RIPE

C.O.

347 ~~844~~ 24 R x N

512

ITVD

8/22

2281

✓
2/20/44

" - 25

8/26

2282

" - 26

✓ TD

R

2283

gold hulls not as tall
as min similar to B40-9,Ho

" - 27

8/27

2284

✓ TVD

" - 28

8/28

2285

✓ TD

R

Excellent gold hull type.

Ho

Hyb. Mix. #7 T.P. x Long slender grain

534

SD

8/25

2286

✓
2/44

" 8/11 8/22

R

2287

✓ VTL

very uniform, segs. height smooth

hulls segs grain length

very little leaf drying, no C.O. v. little H.O.

" 8/17

2288

✓ TD

S

| | | DATES | | C. D. | | |
|------|-----|--------------|------|-----------------------------|----|----------------------|
| | | HEADING | FULL | | | |
| | | 1ST FULL | RIPE | | | |
| 2289 | VTB | Hyb. Mix. #7 | 8/22 | TP x long slender grain | R. | 534 |
| 2290 | TD | " | 8/21 | | R | ✓ |
| 2291 | TM | Hyb. Mix. #9 | 8/21 | TP + R x long slender grain | R. | 536
Her
9/2/44 |
| 2292 | TM | " | 8/17 | | S | ✓ |
| 2293 | TM | " | 8/17 | | S | ✓ |
| 2294 | TM | " | 8/17 | | S | ✓ |
| 2295 | VTM | " | 8/13 | | R | ✓ |
| 2296 | TM | " | 8/21 | | S | ✓ |

DATES

| | | HEADING | | FULL | | | |
|-----|----------------------|---------|------|--------------|----------------------|-----------------------|------|
| | | 1ST | FULL | | RIPE | | |
| 536 | Hyb. Mix. #9
TM | 8/15 | | TP+R | x long slender grain | C.O.
M-R. | 2297 |
| ✓ | VTM | 8/14 | | | | R | 2298 |
| ✓ | VTM | 8/21 | | | | sig | 2299 |
| 57 | Texas Fortuna
VTD | 8/23 | | | | M-R | 2300 |
| ✓ | Hyb Mix #9
TM | 8/21 | | 44-1
TP+R | x long slender grain | | 2301 |
| ✓ | TM | 8/21 | | | | mostly
M-S | 2302 |
| ✓ | TM | 8/15 | | 3 | | R-S
sig? <u>kn</u> | 2303 |
| ✓ | TM | 8/15 | | 4 | | S-R | 2304 |

well
grain

| | | D A T E S | | | C.O. | |
|------|-----|------------------------|---------------|---------------|------|-----|
| | | HEADING | FULL | | | |
| | | 1ST FOLL | RIPE | | | |
| 2305 | TM | Hyb. Mix. #9-4
8/15 | TP & R x long | slender grain | M-R. | 536 |
| 2306 | TM | " 8/18
Very tall | -6 | | S-R. | ✓ |
| 2307 | TM | " 8/18 | -7 | | S-R | ✓ |
| 2308 | TD | " 8/16 | -8 | | R | ✓ |
| 2309 | TD | " 8/17 | -9 | | R | ✓ |
| 2310 | VTM | " 8/17 | -10 | | M-S | ✓ |
| 2311 | MD | " 8/16 | -11 | | S | ✓ |
| 2312 | MD | " 8/21 | -12 | | S | ✓ |

| | | | D A T E S | | C. Q. | |
|-----|---------------|----|-----------|-------|-----------------------------|----------|
| | | | HEADING | FULL | | |
| | | | 1ST | FULL | | |
| 536 | Hyb. Mix. #9 | TM | 8/15 | 44-18 | TP & R x long slender grain | M-S 2313 |
| ✓ | MM | " | 8/14 | -17 | | M-S 2314 |
| ✓ | TL | " | 8/21 | -15 | | R-S 2315 |
| ✓ | TM | " | 8/15 | -16 | | S 2316 |
| 538 | Hyb. Mix. #10 | TL | 8/14 | 44-1 | TP & R x R-D | M 2317 |
| ✓ | TD | " | 8/20 | 2 | | M-S 2318 |
| ✓ | TD | " | 8/21 | -3 | | S 2319 |
| 60 | Blue bonnet | TD | 8/21 | | | S 2320 |

Hyb Mix #10 is giving the most highly resistant C.O. types of any cross

| | DATES | | | C. O. | |
|---|---|------|------|----------|------------|
| | HEADING | FULL | RIPE | | |
| | 1ST | FULL | | | |
| 2321 | Hyb. Mix. #10-TP+R x R-D | 8/16 | | R-S | 538 |
| Water | Prob seg for maturity, make many seeds, excellent straw & grain types | | -5 | | Aug 9/4/44 |
| 2322 | plup Br | 8/18 | | seg R-S | ✓ |
| 2323 | plup Br | 8/18 | | M-S | ✓ |
| 2324 | seg | 8/20 | | S | ✓ |
| 2325 | plup Br | 8/22 | | R no. CO | ✓ |
| Low man and narrow acc. no CO. and because straw stays so green | | | -9 | | |
| 2326 | Tran plup Br | 8/21 | | S | ✓ |
| 2327 | | 8/14 | | S | ✓ |
| 2328 | | 8/14 | | R no CO. | ✓ |
| Low water acc. no C.O. | | | -11 | | |

| | | DATES | | | C.O. | |
|-----|---|---------|----------|-----------|------|------|
| | | HEADING | FULL | | | |
| | | 1ST | FULL | RIPE | | |
| 538 | Hyb. Mix. #10
plop Bz | 8/16 | TPY | R x R - D | M-S | 2329 |
| 539 | 324R , R x C.I. 5094
VTM
9/2/44 | 8/14 | | | S | 2330 |
| ✓ | " | 8/21 | | | S | 2331 |
| ✓ | " | 8/17 | Top | | S | 2332 |
| ✓ | " | 8/17 | Top | | S | 2333 |
| ✓ | " | 8/17 | | | S | 2334 |
| 505 | 322R 44-1
VTD
C.B. types | 8/17 | R x T.F. | | M-R | 2335 |
| ✓ | MD | 8/21 | | | M-R | 2336 |
| ✓ | Very good gold hull BBT type
some CO on 194
rather well | | | | | HW |

| | | DATES | | | C.D. | |
|---------------------------------|--|-------------------------------|-----------|------|------|----------|
| | | HEADING | FULL | | | |
| | | | 1ST FULL | RIPE | | |
| 2337 | TD | 322 B44-3 R x T.F. | 8/30 | | | 505 |
| Nr | not as good as 2339 Similar | | | | | BB types |
| 2338 | TD | " | 4
8/21 | | | ✓ |
| 2339 | TD | " | 5
8/30 | | R | ✓ |
| Nr
Adv | Viva maturity, almost a mid-gr.
Very long sturdy straw, very green
straw, very little so | | | | | |
| 2340 | TM | Blue bonnet | 8/17 | | M-S | 60 |
| 2341 | TD | 322 B44-6 R x T.F. | 8/22 | | | 505 |
| 2342 | TD | " | 7
8/14 | | | ✓ |
| 2343 | TM | " | 8
8/20 | | | ✓ |
| 2344 | TD | " | 9
8/20 | | R | ✓ |
| Nr | Excellent BB types | | | | | |

D A T E S

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

C, D

322

844-10

R x T. F

505 VTM

8/17

M

2345

" -11

✓ TD

8/19

M-R

2346

" -12

✓ VTM

8/19

S

2347

" -13

505 TD

8/19

R

2348

midseason

Excellent gold hull type

Hr

" -14

✓ TM

8/24

2349

" -15

✓ VTM

8/16

2350

" -16

✓ TM

8/22

2351

" -17

✓ TM

8/21

2352

DATE S

HEADING

FULL

1ST FULL

RIPE

C.O.

322

8/18

R x T.F

2353

TD

8/19

M-R

505

midseason

Hv
adv

one of my best, very stiff grain
about BB but possibly shorter

2354

MD

8/28

M-R

✓

" -20

2355

MD

8/29

R.

✓

Hv

Saved acc. No cp. lines very green
short stem
very much like 2339 + 2337

" -21

2356

TD

8/27

✓

Hv

Very much like 2337 & 39

" -22

2357

TD

8/20

✓

et al good

" -23

2358

VTM

8/21

✓

" -24

2359

TD

8/25

✓

Blue bonnet

2360

TM

8/22

M-S

60

DATES

| | | HEADING | | FULL | | |
|-----|-----------------|---------|------|------|--|------------------|
| | | 1ST | FULL | RIPE | | |
| 274 | Anseline
VTM | 8/21 | | | C, O
S | 2361 |
| ✓ | "
✓	"VTM | 8/23 | | | S | 2362 |
| ✓ | "
✓	"VTM | 8/25 | | | S | 2363 |
| ✓ | "
✓	"VTM | 8/24 | | | S | 2364 |
| ✓ | "
VVTM | 8/20 | | | R
Very green vegetation
Rather tall, irregular hts | 2365
<u>R</u> |
| ✓ | "
✓	"VVTM | 8/23 | | | S | 2366 |
| ✓ | "
✓	"T M | 8/26 | | | | 2367 |
| ✓ | "
✓	"LM | 8/18 | | | | 2368 |

| DATES | | |
|---------|------|------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

20

Anseline (smooth gold)

2369 VVTM 8/21

274

2370 VVTM 8/23

✓
Rough v. long

2371 VVTD 8/24

grd Bl B

2372 VVTD 8/14

Her Best row in gold BBT set
sl earlier than BBT in new uni'
long grain (long) shortest stem

S
grd Bl B.
excellent
long-grain

2373 TM 8/17

normal
Bl B.

2374 TM 8/19

✓

2375 TM 8/17

✓

2376 TM 8/21

✓

D A T E S

| HEADING | | FULL |
|---------|------|------|
| 1ST | FULL | RIPE |

C.O.

deloform VTD 8/27 2377

C.B.

looks like Tina on 8/21/45

✓ VTM 8/17 2378

✓ TD 8/21 2379

very little C.O.

C.O. resistant BBT row

R + Seg

Very green veg on 1/2 BBT, very brown

Blue bonnet OK

TM 8/21

S

2380

deloform TM 8/23 2381

C.B.

Seg green length

trunk

Very good stem type

R.

H

✓ MM 8/21 2382

large a very uniform lot. for BB, 21

seed shorter stemmed than 2380, Increased

H

✓ VTD 8/17 2383

any-gr similar to 2372 in some respects

H

✓ TH 8/14 2384

red-gr rough

DATES

HEADING

FULL

1ST FULL

RIPE

2385 VTL 8/14

Sh-gr
rogue on
line, near.

B322#4-6-3, R x F

2386 SM 8/30

? 75
long-gr type

"

2387 SM 8/27

S ✓

W/ Exceptionally good grain quality
typical T.P. grain size & shape.

"

2388 SM 8/30

✓
✓

"

2389 VTD 8/17

M-S ✓

W/ Very uniform let plant stem gold ✓
above long gr; stored very well ✓
better than any other long selection ✓
V. clear texture

2390 TM 8/26

75

"

2391 TM 8/28

✓

"

2392 TM 8/27

✓

| | | D A T E S | | | |
|-----|-------------------|-----------|----------------------------------|--|-----------|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| 15 | B322 | R4-6-3 | RxF | | 2393 |
| | TM | 8/27 | | | |
| - | TM | " 8/26 | | | 2394 |
| - | TM | " 8/26 | | | 2395 |
| ✓ | TM | " 8/27 | | | 2396 |
| ✓ | TD | " 8/26 | | | 2397 |
| | Some white tip | | | | |
| 395 | 3713 | R13-2-2-1 | SxR | | 2398 |
| | TM | 8/29 | | | <u>1d</u> |
| | dent texture good | | | | |
| 70 | B3713 | R17-2- | SxR
RxA | | 2399 |
| | VTW | 8/27 | | | <u>Nu</u> |
| 55 | Nina | | | | 2400 |
| | VTD | 8/26 | | | |

| | DATES | | | |
|------|--|------|------------|------|
| | HEADING | FULL | | |
| | | 1ST | FULL RIPE | |
| 2401 | B 3713 #17-2-2 ² ,
VTH 8/24 | | SXR | 270 |
| 2402 | 3713 #1-2-1
VTH 8/23 | | SXR | 2887 |
| 2403 | TM
A8-1-1
8/30 | | | 2888 |
| 2404 | MM
" 8/30 | | | ✓ |
| 2405 | 3713 #8-1-2
MM 8/30 | | SXR | 2889 |
| 2406 | MM
48-1-3-
very uniform let regularly
8/17 | | | 2890 |
| 2407 | VVTH
8/11 8/20
Very uniform, short stem
no Co. on 10/11 in our ripe stage | | no Co
R | 2893 |
| 2408 | TH
#17-2-1 | | | 2897 |

| | | DATES | | CO |
|-----------------------------------|----|---------------|------|----------|
| | | HEADING | FULL | |
| | | 1ST FULL | RIPE | |
| 043 | TM | 3713 R 17-2-4 | 8/30 | SXR 2409 |
| 044 | TL | " | 8/28 | 2410 |
| 044 | TM | -2 | 8/29 | 2411 |
| 045 | MM | -3 | 8/29 | 2412 |
| 046 | TM | " | 8/27 | 2413 |
| 046 | TL | 3713 R 14-1 | SXR | 2414 |
| Very good row
proh TM maturity | | | | Ha |
| 049 | TM | 3713 R 17-2-1 | 8/27 | SXR 2415 |
| good texture | | | | S |
| 049 | TM | " | 8/26 | 2416 |
| | | | | S |

Week started

| | | DATES | | |
|-----------|-----------------|----------------------------|----------|------------------------------|
| | | HEADING | FULL | |
| | | 1ST FULL | RIPE (C) | |
| 2417 | TM | 3713 H 22 - 1-1-1,
8/22 | SxR | R 2901
v. good
texture |
| <u>Hu</u> | | Very short stem | | |
| 2418 | TM | " 8/22 -2 | R | ✓ |
| <u>Hu</u> | | all 3 alike | | ✓ |
| 2419 | TL | " 8/24 -3 | R | ✓ |
| <u>Hu</u> | | good. | | ✓ |
| 2420 | TM | Texas Fortuna
8/24 | | 57 |
| 2421 | 346 H 1,
3SD | SxN
8/24 | | 511 |
| <u>Hu</u> | | atlas type | | Nov 9/20/44 |
| 2422 | NTL | " 8/22 | | ✓ |
| 2423 | NTL | " 8/17 | | ✓ |
| 2424 | NTD | " 8/13 8/13 | | ✓ |

| | | DATES | | | |
|-----|--|---------|------|---------------------|------------|
| | | HEADING | FULL | | |
| | | 1ST | FULL | RIPE | |
| ✓ | 346 | 74 | SxN | | 2425 |
| ✓ | MD | 9/1 | | | |
| ✓ | MD | " | 8/30 | atlas type | 2426
Dn |
| ✓ | MD | " | 8/30 | | 2427 |
| ✓ | VTZ | " | 8/14 | | 2428 |
| ✓ | M | " | 8/28 | very easy to thresh | 2429
Dn |
| ✓ | M | " | 8/29 | | 2430 |
| 916 | 347 | 1342-10 | RxN | | 2431 |
| | Definitely longer than other heads in row - excellent test | M | 9/30 | | Dn |
| 916 | longer than other heads in row, 4 cell test | M | " | | 2432 |

DATES

| HEADING | | FULL |
|---------|------|------|
| 1ST | FULL | RIPE |

24337

8/24

Selo
Form
Possibly
B347B40-9

B347 B40-9, Rx N

24347

8/20

stam-hulled type 58

9 mat cross with a rough med gr.
Some very good med. late types present

2435

8/8 1907

med-gr.

2436

8/20

Prob a cross between B40-9 & Jrd

2437

8/31

Seg rougher smooth stem & gold
Possibly C1 between Jordon R.F. & B41-9

2438

8/31

2439

8/28

Blue bonnet
2440 Bluebonnet
8/23

60

DATES

| HEADING | FULL |
|----------|------|
| 1ST FULL | RIPE |

C.O.

58

B347 B40-9, RxN

8/30

2441

✓

8/20

"

2442

78
earlier

B347 B41-5, RxN

2443

✓

excellent straw, ^S BBT mat.
long sh. gold grain

2444

1 lb

✓

"

2445

✓

"

2446

✓

"

2447

✓

"

2448

| | DATES | | | C.D. |
|----------------|--|------|--|----------------|
| | HEADING | FULL | | |
| | 1ST FULL | RIPE | | |
| 2449 | Prob Nina | 8/28 | | R Homult field |
| HR | 20 Prob Nina HMB on 10/16/45 | | | |
| add | 20 not Nina, shorter straw | | | |
| | 1 stalks more profusely, grain is more | | | |
| 2450 | Taman | | | 29.2 |
| 2451 | Nina B2766-1 (gold-hull) | | | R 27.36 |
| | Very long gold hull type | | | |
| | Short straw, big mat, some grain late | | | |
| 2452 | - 2 gold Nina | | | field plot |
| | Very good types, rather tall but | | | |
| | Prob shorter than Nina | | | |
| 2453 | - 3 | | | ✓ |
| 2454 | Purple Nina (Taman) | | | 27.7 |
| 2455 | " | | | ✓ |
| HR | Very uniform as hull shorter than | | | |
| | Nina Type & shorter straw | | | |
| 2456 | " | | | ✓ |

| D A T E S | |
|-----------|------|
| HEADING | FULL |
| 1ST FULL | RIPE |

71 Purple Nina (Taman) ✓

2457

✓ 2458

284 4032A3-33-1, TPx321A2-8
8/20

2459

5 Nina Ek.

2460

✓ 4032A3-33-1, TPx321A2-8
8/25

2461

973 4030A3-3-3, (3313A1-4xTP)

2462

974 A3-3-4

2463

976 A3-3-6

2464

| | DATES | | |
|------|---------------------------------|---|------------------------|
| | HEADING | FULL | |
| | 1ST FULL | RIPE | |
| 2465 | 4030 A 3-3-6
8/30 | 44
very green regular
dark straw
smooth med.
late mat (BR) | (3313 A 1-4 x TP) 2976 |
| 2466 | Hyb Mix #3
8/23 | 45-EP x CA-Cdy | 528
1/2 9/20/44 |
| 2467 | " 3-44-3
8/30 | | |
| 2468 | " 8/17 | 4 | |
| 2469 | " 8/17 | 5 | |
| 2470 | " 8/30 | 6 | |
| 2471 | " 8/20 | 7 | |
| 2472 | " 8/30 | 8 | |

| | D A T E S | | |
|-------------|----------------|-------------|------|
| | HEADING | FULL | |
| | 1ST FULL | RIPE | |
| 28
20/44 | Hyb. Mix. #3-4 | S-EPxCA-Cdy | 2473 |
| | 8/20 | | |
| | " | -10 | 2474 |
| | 8/28 | | |
| | " | -11 | 2475 |
| | 8/24 | | |
| | " | -12 | 2476 |
| | 8/28 | | |
| | " | -13 | 2477 |
| | 8/23 | | |
| | " | -14 | 2478 |
| | 8/30 | | |
| | " | -15 | 2479 |
| | 8/28 | | |
| 7 | Texas Fortuna | -16 | 2480 |
| | 8/24 | | |

| | DATE | | | |
|-----------------|---|------|------|--------------|
| | HEADING | | FULL | |
| | 1ST | FULL | RIPE | |
| 2481 | Hyb. Mix. #3 - S-EP x CH-Cdy | | | 528 |
| | 8/28 | 44 | -17 | Har 9/20/77 |
| 2482 | " | 8/29 | -18 | ✓ |
| 2483 | " | | -19 | ✓ |
| 2484 | Hyb. Mix. #3 - 44 ²⁰ S-EP x CH-Cdy | | | 528 |
| | 8/29 | | | Har 10/12/77 |
| 2485 | " | 8/9 | -21 | ✓ |
| 2486 | " | 8/10 | -22 | ✓ |
| 2487 | " | 8/10 | -23 | ✓ |
| 2488 | 8/10 | | | |

F2 Populations:—

✓ 432A1, B41-3299(BR) x B4044A3-5-1, (R-SBR)

✓ 432A2 "

✓ 432A3 "

✓ 432A4 "

✓ 432A5 "

✓ 433A2 B41-3299(BR) x B4045A1-4-1 (R-SBR x BR)

✓ 433A1 "

✓ 437A1 [B412A5-5 (B41-3282 x BR) x CE-8523]

check to all
whether later
more needed

428A1 [B4112A5-8 (B41-3282 x BR41) x CI-8326]

Best strain of any population standing
very well on 10/16 after storm.

439A1 [B4112A5-8 (B41-3282 x BR41) x
B3715A36-6 (SP-SJ x SBR x SBR)]

4310A1 [B4112A5-8 (B41-3282 x BR41) x
B404A1-46 (BR41 x EP)]

✓ 4310A4

"

✓ 4311A1 [B4112A5-8 (B41-3282 x BR41) x
B411A3-12 (~~B3282~~ x Z)]

✓ 4311A2

"

4311A3

"

4312A2, [B4112A5-8 (B41-3282 x BR41) x
B3715A6-5-4 (SP-SJ x SBR) x SBR]

the population
standing
+ less C.O. than
A1 & 2, plants may
be later also

Best of 3

4313A2, [B4112A5-8(B41-3282 x BR41)] x
B406 (F x Red Rice)

4314A2, [B4112A5-8(B41-3282 x BR41)] x
B42-2693 Bruin.]

4314A5

"

~~Dr
to here~~

4315A2, B3715A36-6(SP-SJ-SBR x SBR) x
CI-8326.

✓ 4318A5, B3715A36-6(SP-SJ-SBR x SBR) x
CI-8323.

4321A3 Blue Rose 41 x B406 (F x Red Rice)

4323B1, CI-8326 x B406 (F x Red Rice)

4325A1, [B42-2693 Bruin. x B406 (F x Red Rice)]

✓ 4242A1, CI 8327 x Sterile Hond. ✓

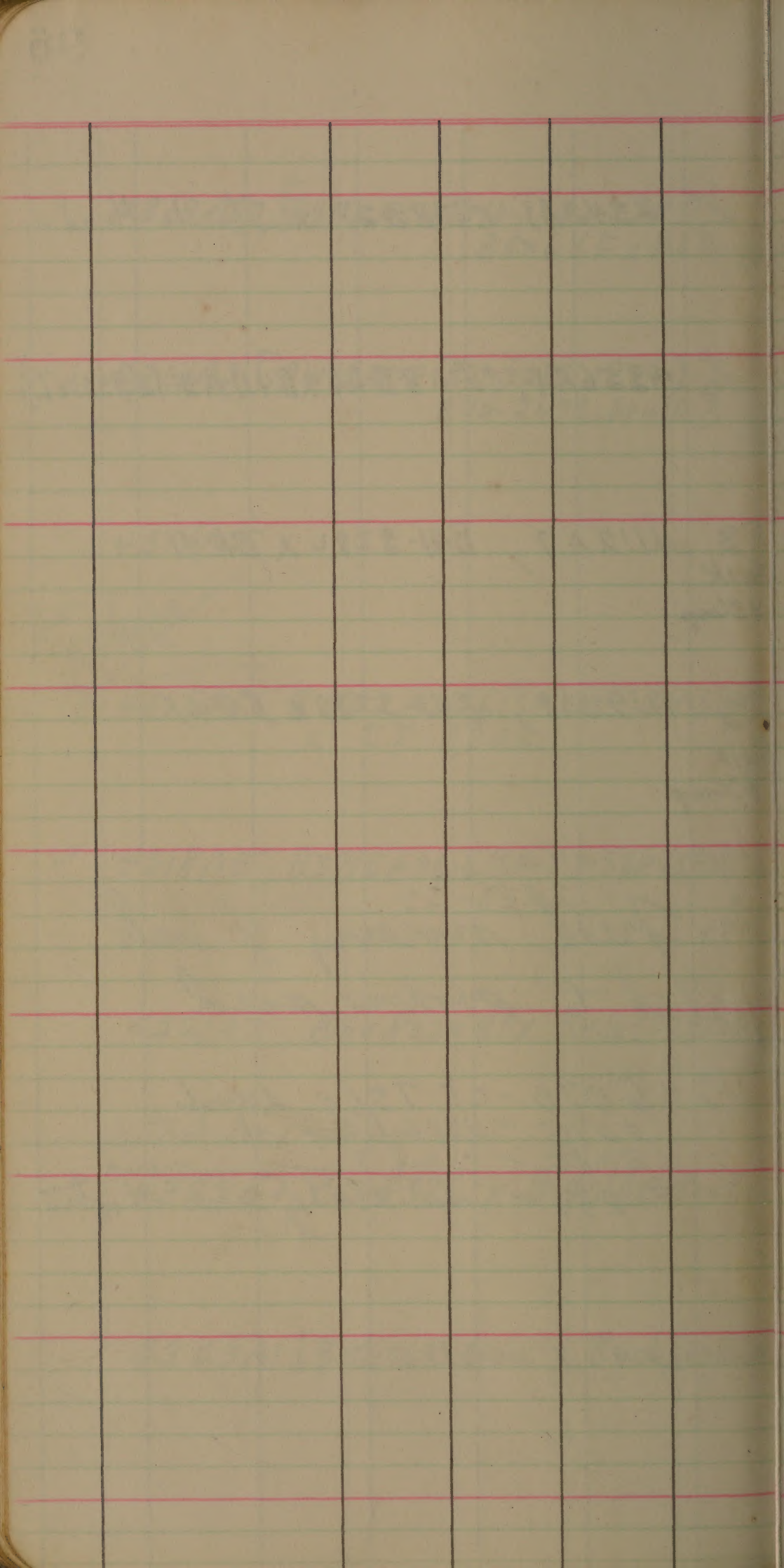
✓ 4256A1, CI-8326 x B411A3-12 (8323 x Z) ✓

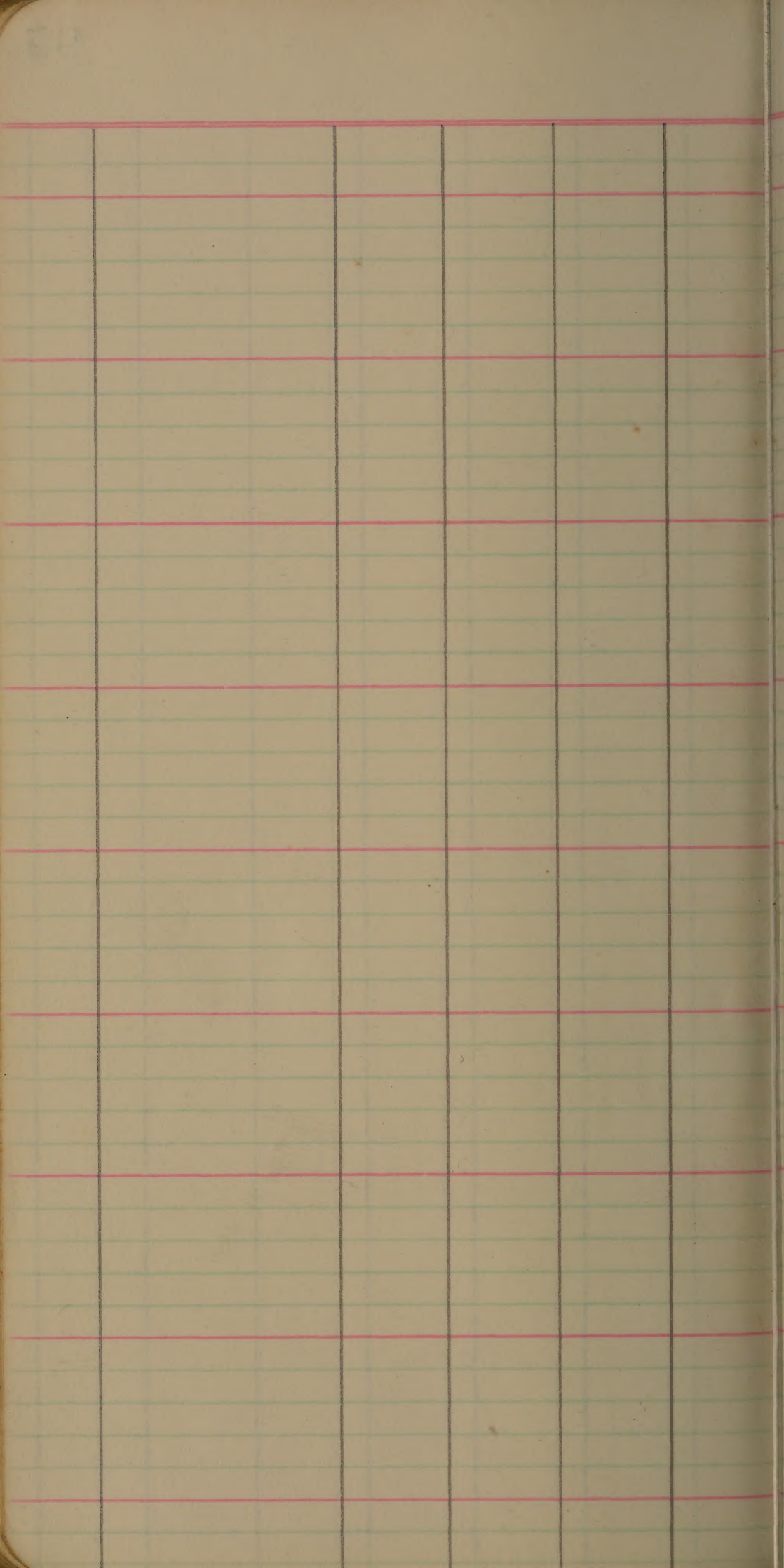
3 4112A7, B41-3282 x BR41
41K
13Carp

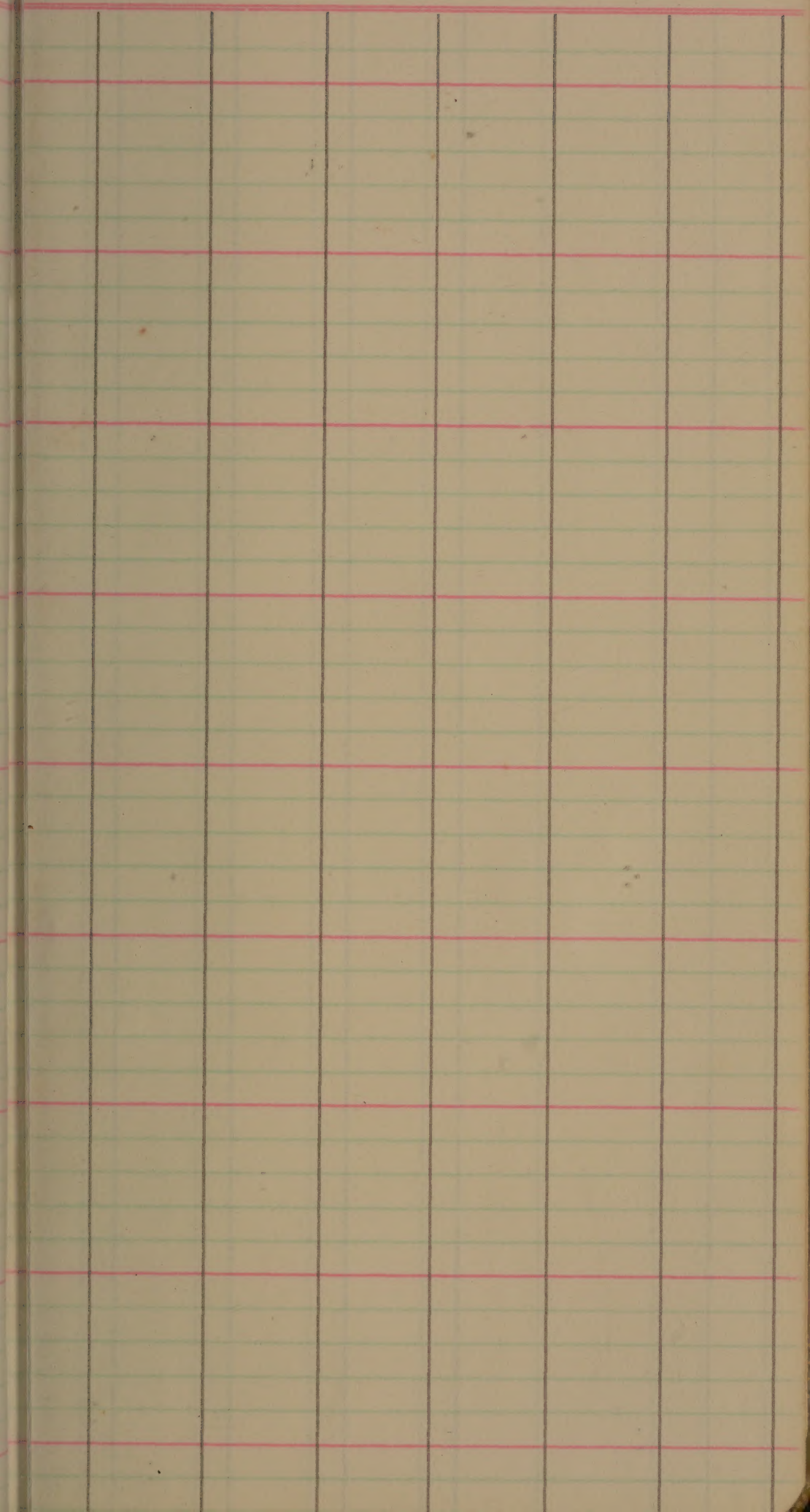
3 4112A18, B41-3282 x BR41
41K
13Carp

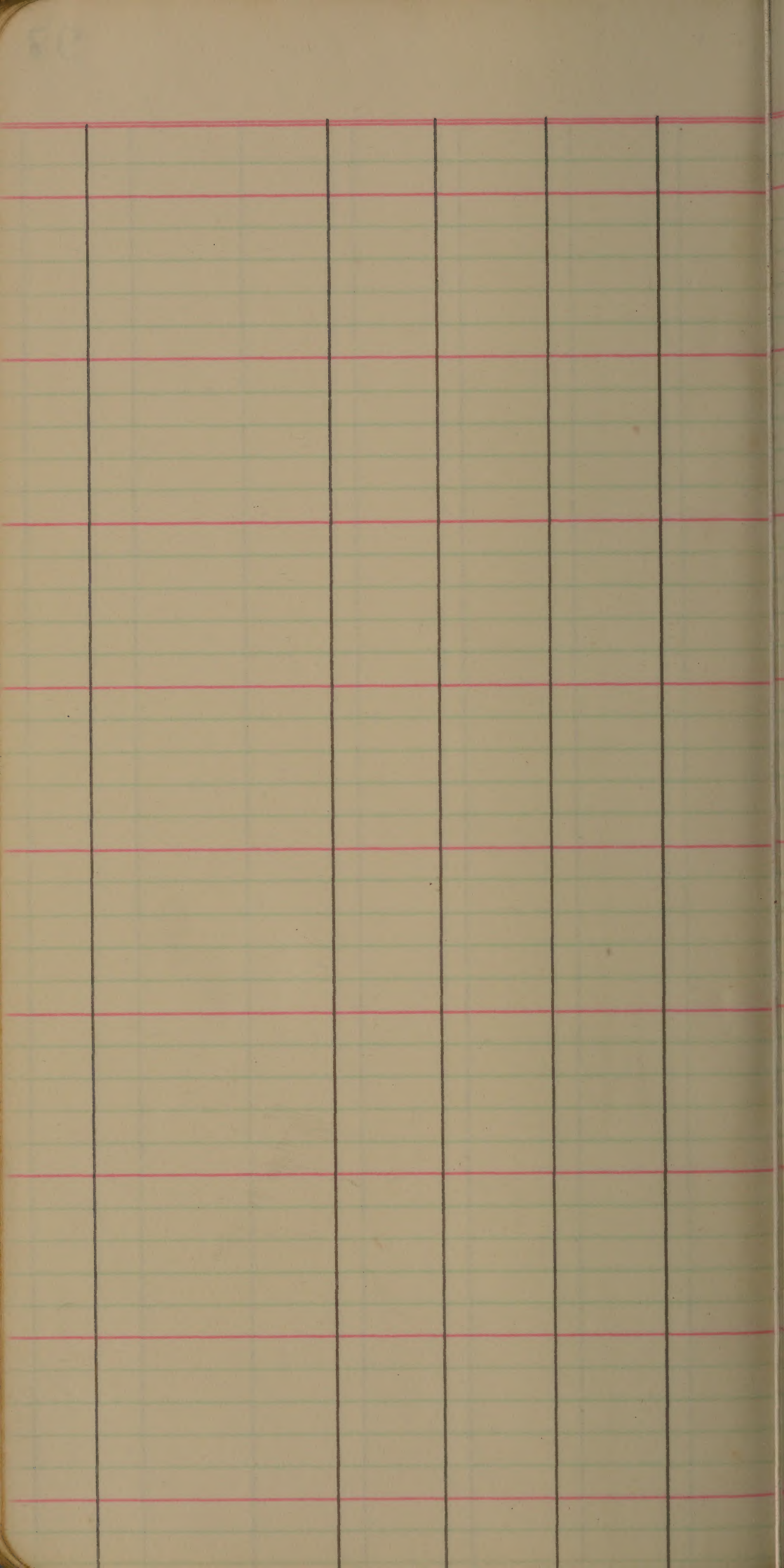
2m Fresh nursery of seb
failed to produce seed

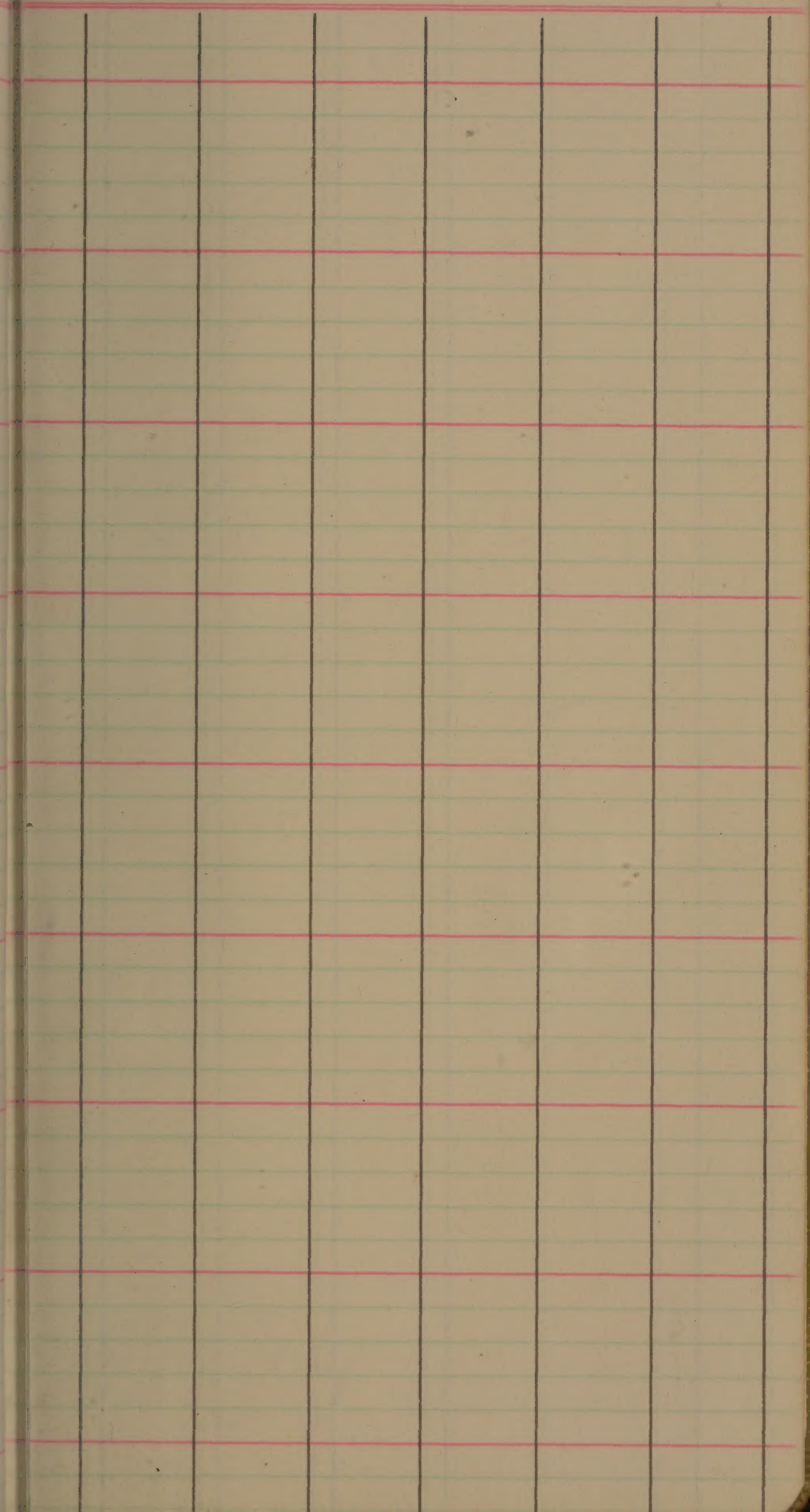
42-5070 - CI 7360 dwarf
5075 - old high Mex - abn sterile
5085 - Calce X-ray small seed
5088 - sel 299-1, mod sterile

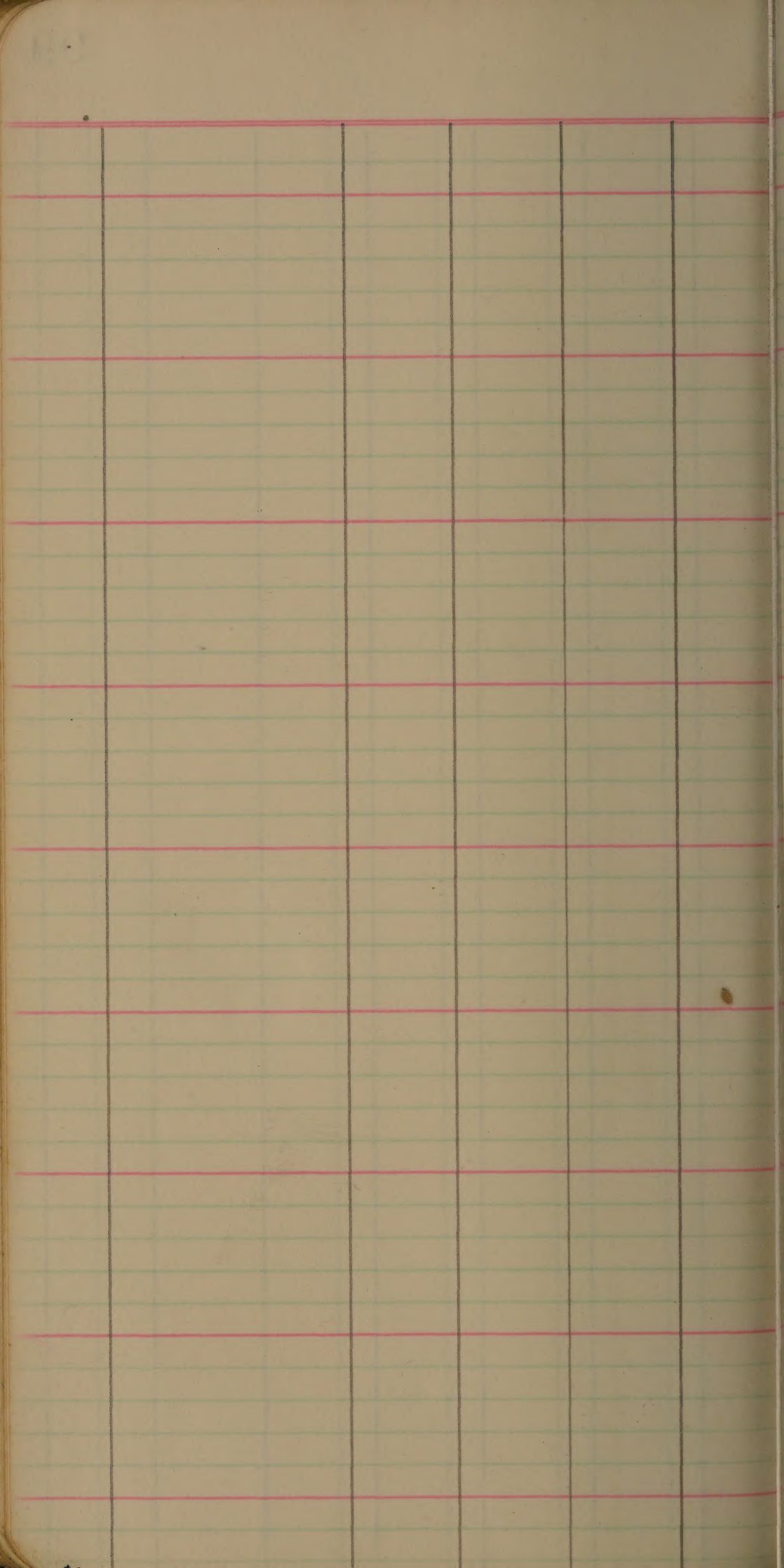










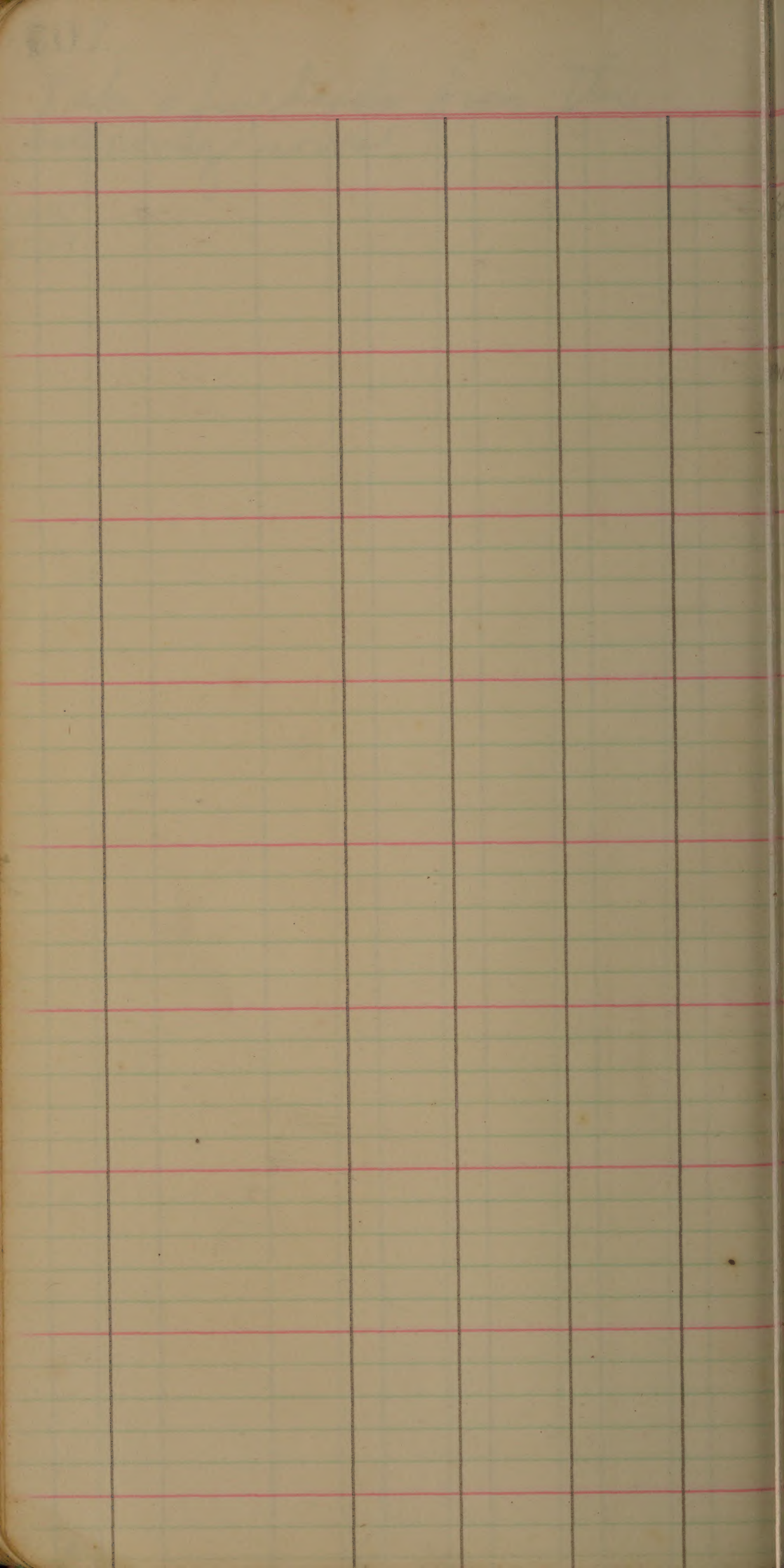


[illegible]

Take a few heads from the
following rows

204/
2069

[illegible]



all 15 ft row

Bluebonnet

with 119 Rows 3 cc. x

204 " 2cc

with 220 " 1 1/2 cc

5 4
6 3
7 2
1 1

5003

5013

5097

5117

5276

5290

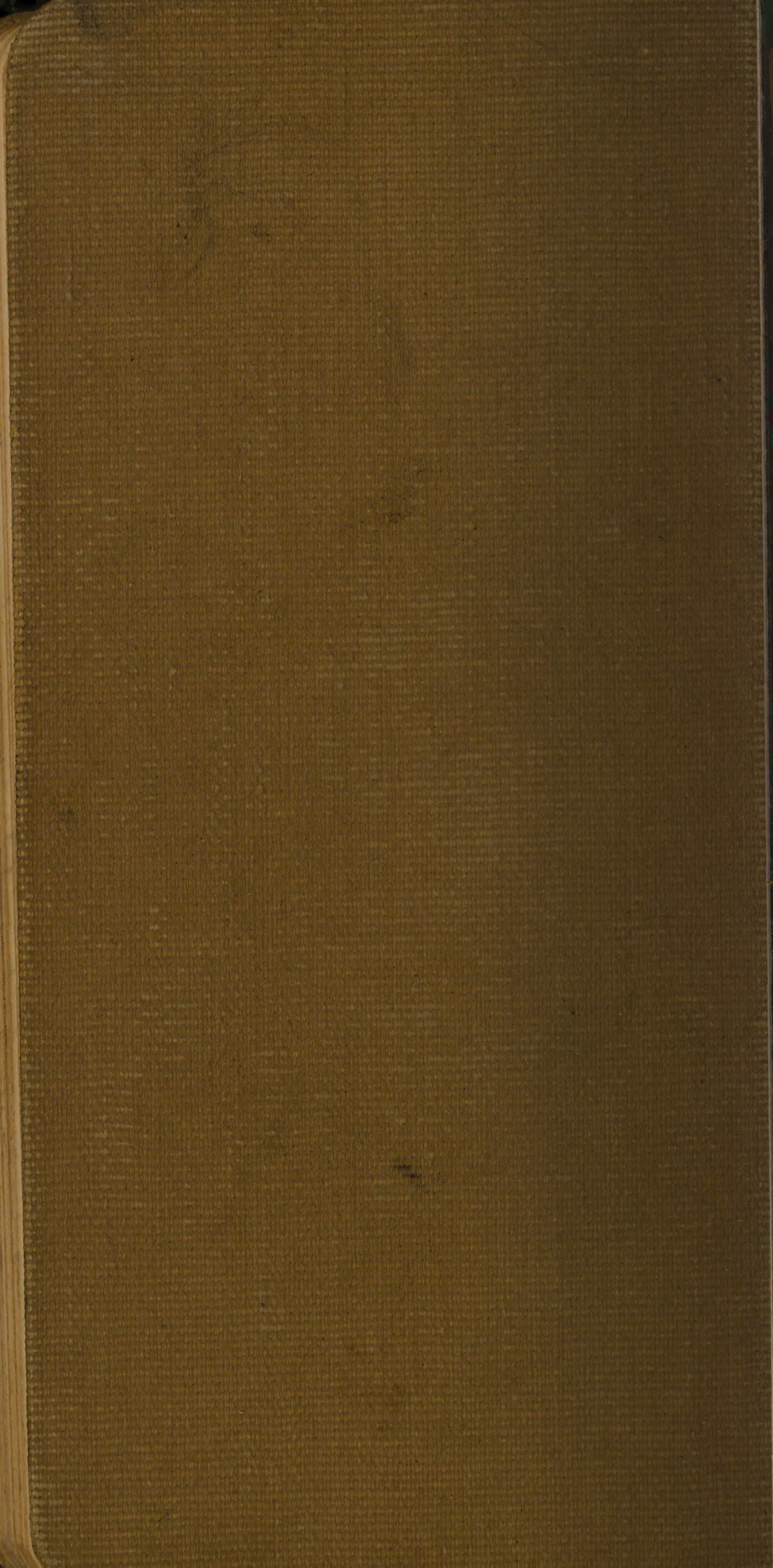
5292

5315

5365

42 43
44
46 46

4104



OUTFIELD

VARIETY And FERTILIZER

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

1945

Variety:

Devers - 1

Dishman - 20

Pine Island - 40

Fertilizer:

Mitchell - 52

Dishman - 54

La Belle - 56

Source of Seed - 58

43 2089

TP + R + 7689

+ P + R - 7689

+ SP, R-SBR

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

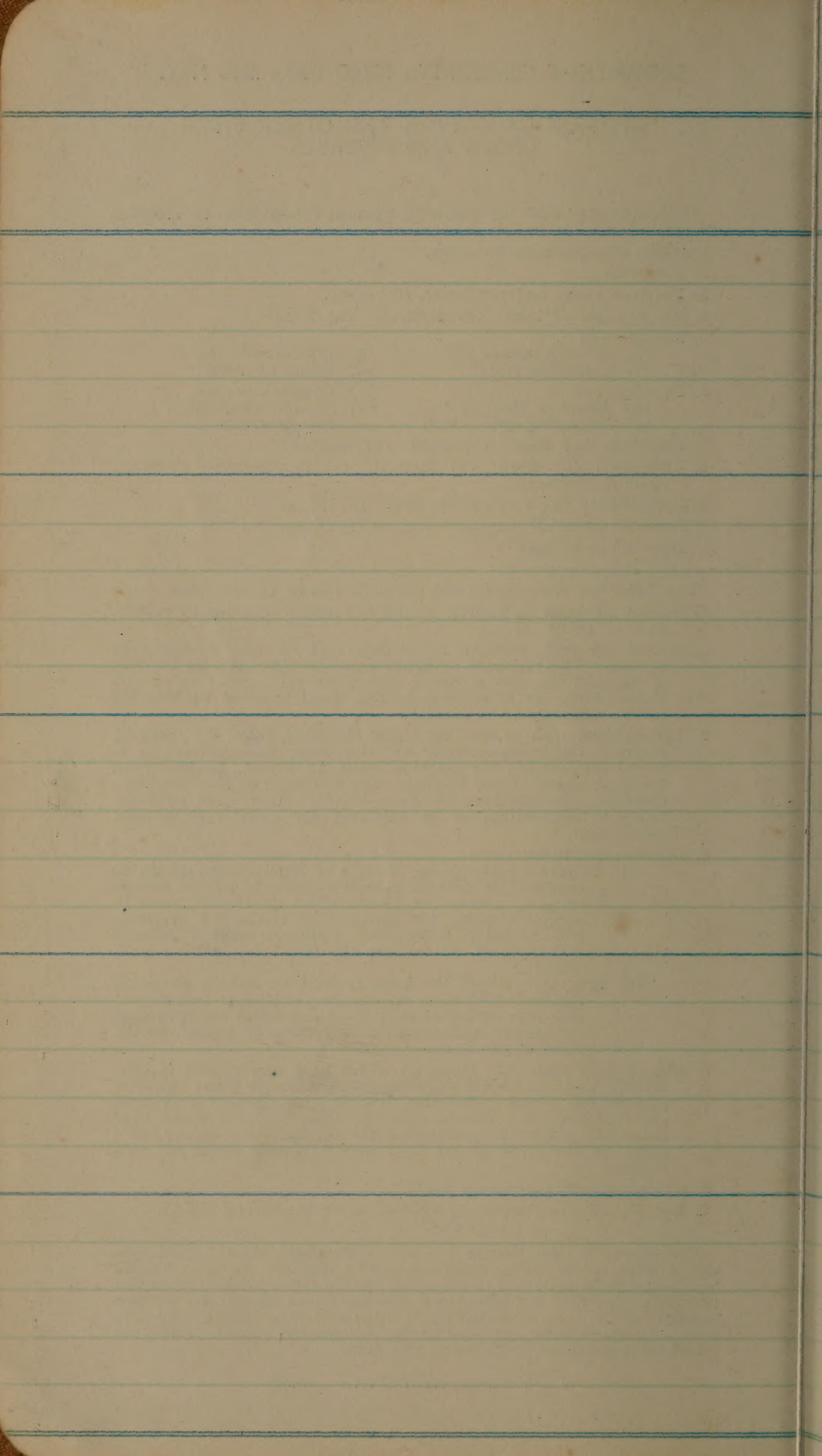
It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.



1 Pat Bayt farm south of Devers

Devers Variety Test.

| DATES | | PLANT
HT.
(IN.) |
|---------|--------------|-----------------------|
| HEADING | FULL
RIPE | |

| | | | |
|------|-----|------|----|
| 7/23 | 8/1 | 8/24 | 36 |
|------|-----|------|----|

327 Hill Medium- 556
Grain

completely destroyed by

| | | |
|------|------|----|
| 7/26 | 8/27 | 51 |
|------|------|----|

328 Hill long-Grain 557

329 Nira 55

| | |
|------|----|
| 9/10 | 60 |
|------|----|

330 C332A6-23, Rx F 61

| | |
|-----|----|
| 9/8 | 48 |
|-----|----|

331 B347B40-9, 58
Rx N

| | |
|-----|----|
| 9/8 | 50 |
|-----|----|

$$\frac{72 \text{ kg Ht}}{43560} = \frac{1}{605} \text{ A.} \quad \frac{605}{453.6} = 1.334$$

Harvested 18 ft x 14
single row for yield
& observations

Fert. = 200 # SA-Bone M. (1-1 mix.)

Sown April 17, 6 row plot

| DISEASES | | | YIELD |
|-------------------------------|-------------------|--------------|----------------------|
| H.O. | Oidreco-
spora | White
Tip | GRAMS.
PER
ROW |
| | | | — |
| | | | — |
| ends | | | — |
| | | | — |
| | | | 291 |
| | | | 357 |
| | | | 326 |
| | | | <u>358</u> |
| | | | 1342 |
| | | | 561 |
| | | | 508 |
| | | | 528 |
| | | | <u>560</u> |
| | | | 2157 |
| | | | 524 |
| | | | 528 |
| | | | 532 |
| | | | <u>524</u> |
| | | | 2109 |
| | | | 604 |
| | | | 513 |
| | | | 520 |
| total gram yield = lbs per A. | | | <u>512</u> |
| | | | 2149 |

very tall, leaning some at
one end of plot on 9/14, other-
wise standing o.k.

Excellent straw, grainfully
ripe & straw very green & standing
very good.

Rather short strawed, standing
very well, semi erect leaf.

its, 80+ft. long

| FIELD DATA | | |
|------------|--|------|
| ORE YIELD | | |
| B. | | LBS. |

39.8 1790 11.0

63.9 2877 17.8

62.5 2813 17.4

63.7 2867 17.7

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |
| 7/24 | 8/2 | 8/26 44 |

332 941-10609, 56.
RxSBR

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |
| 8/2 | 8/28 | 46 |

333 B4030A4-43, ✓ 72
TPxR-7689

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |
| 8/2 | 8/29 | 45 |

334 B4030A4-30, 80
TPxR-7689 ✓

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |
| | 9/5 | 60 |

335 Fortuna 57

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |
| | 9/1 | 50 |

336 AH-32-23, 53
Rx F

DISEASES
H.O. Cerco- White
spora Tip

YIELD
GMS. PER ROW

314

384

412

307

1417

580

450

542

536

2108

545

438

493

455

1931

536

460

538

422

1956

520

442

438

455

1855

Short straw, rather long drooping
heads, straw droops slightly,
very uniform, stood out very
well, some bird damage.
some stink in heads.

Typical TP growth habit,
looks very good.

Stiffer strawed, shorter & more
uniform lit. than A4-43.
Definitely shorter straw than Fort,
very uniform lit. looks better
than A4-43.

Typical Fortuna, leafy,

Prob. as tall as Fortuna, more
uniform lit, about same maturity or
possibly a day later and appears
harder than Fort. Very good.

D DATA
CRE YIELD

L LPS

42.0 1890 11.7

62.5 2812 17.4

57.2 2576 15.9

58.0 2609 16.1

55.0 2475 15.3

| | | | D A T E S | | PLANT
HT.
(IN.) |
|-----|---------------------------|------|-----------|------|-----------------------|
| | | | HEADING | FULL | |
| | | | 1ST FULL | RIPE | |
| 337 | B3713A14-2,
SxR | 65 | 8/24 | 9/16 | 48 |
| 338 | B403/A1-23,
TPx R-SBR | 27 | 7/28 | 9/1 | 45 |
| 339 | B322A4-1,
Rx F | 67 | | 9/5 | 48 |
| 340 | B347B41-7,
Rx N | 66 | 8/20 | 9/14 | 51 |
| 341 | Stockdick
Early Rexoro | 2719 | 8/26 | 9/14 | 56 |

DISEASES
H.O. Cerco- White
spora Tip

YIELD
GMS.
PER
ROW

533

524

616

612

2285

453

511

432

441

1837

479

483

417

404

1783

422

392

392

391

1597

431

410

396

533

1770

very leafy, heavy growth, quite
uniform lit, not too tall, good stream,
Taller than expected

looks very much like R. SBR sel
from ark., sl. taller + later + heavier
very good, earlier than (TP x R-7689) here

short stream, uniform lit,
very good.

very good type, tall but has good
heavy stream, not as tall as Mira
very uniform, excellent grain

a good Patra type, later than
Mira, rather tall, has an early
mixture

DATAACRE YIELD

U.

LBS.

67.7 3048 18.8

54.5 2451 15.1

52.9 2379 14.7

47.3 2130 13.1

52.5 2361 14.6

| | | | D A T E S | | PLANT
HT.
(IN.) |
|-----|--|----|-----------|------|-----------------------|
| | | | HEADING | FULL | |
| | | | 1ST FULL | RIPE | |
| 342 | B376A2-72-4,
IBR-F x S | 92 | 8/25 | 9/13 | 46 |
| 343 | B346B40-6,
S x N | 64 | 8/22 | 9/14 | 46 |
| 344 | B3715A6-5-4, 147
(^{3512A} SP-SJ x SBR) | | | 9/12 | 46 |
| 345 | B3715A66-6, 155
(^{3512A} SP-SJ x SBR) | | | 9/16 | 50 |
| 346 | B43-2089,
Smooth BR | 90 | 8/2 | 9/4 | 41 |

DISEASES H.O. Cerco- White spora Tip

YIEL
GMS. A
PER
ROW B

541

526

570

635

2272

515

388

394

435

1732

4

4

4

4

3

232

236

230

330

1028

Short straw very leafy, stiff
straw,

Uniform, short heavy straw
Probs not as heavy ^{yield} as better types

More uniform leaf & sheath
than A56-6, Both look
quite good when headed but
very bad for white tip, earlier
than A36-6

Much taller than A6-5-4
very bad for white tip

Very short strawed, quite
seriously damaged by birds
not very heavy for grain

| D DATA |
|-----------|
| CRE YIELD |
| 1 |

LBS.

67.4 3031 18.7

51.3 2310 14.3

30.5 1371 8.5

17

Dishman BR Test,

| D A T E S | | P L A N T
H T.
(IN.) |
|-----------|------|----------------------------|
| HEADING | F | |
| 1ST FULL | RIPE | |

IBR-FVS 8/22 8/28

287 B376A2-72-4, 92 8/25 8/31

IBR-FVS

Unknown288 B41-3259, 304 8/27 9/2
Bruinmissie Sel.289 B403, 305 8/29
Bruinmissie Sel.290 B42-2792, 306 8/24 9/1
BR Sel (sm.)291 B43-2789, 307 8/27 9/1
Bruinmissie Sel.

28 agft = 1/1555.71 acre 1555.71 = 3,431
48560 4526

Fort. = 150[#] S.A. + Bone M. (1-1 mix)

Town May 5, 1945

DISEASES
H.O. Cerco- White
spora Flo

YIE

GMS.
PER
ROW

R

450
360

810

R

436

347

783

367

R.

367

734

4

R.

X

0

R

338

359

697

0

R

432

376

808

X total gram yield = lbs per A

short stem, stiff, but dries back

A Kaurse stem type, trace
straightened, B&B mat, very good type
Similar to 43-278.9
standing O.K. on '10/17
rough hulls.

almost as flat as smooth
hull.

standing O.K. on '10/19 but
has smooth hulls, prob better
grain than Sm hull, taller than
43-2789

standing OK on '10/19 along
side Sm hull which is flat.
Rough hulls, prob better grain
than Sm hull

LD DATA
ACRE YIELD

BU.

LBS.

very fast + feel over in a few places on 10/17 but was ^{very} slow

61.8 2779 17.2

59.7 2686 16.6

56.0 2518 15.5

53.1 2391 14.8

61.6 2772 17.1

| DA | ES | PLANT |
|----------|------|-------|
| HEADING | F | HT. |
| 1ST FULL | RIPE | (IN.) |

292

Superb
B41-2693-1,
Brainmissie Sel.

308

8/28

293

B44-2396,
BR Sel

2396

8/17 8/26

294

B44-2397,
BR Sel.

2397

5 295

B44-2399,
BR Sel.

2399

8/18 8/31

296

B44-2402,
BR Sel.

2402

8/22 Supr

| DISEASES | | YIELD BY DEATH |
|----------|---------------------------|--------------------|
| H.O. | Cerco- White
spora Tip | GMS.
PER
ROW |

A

R

534

402

936

T

R

323

367

690

O

R

325

308

643

O

R

$\text{gross} = 2483$
 $\text{net} = 2483 - 376 = 2107$

376

458

834

O

R

369

310

679

Badly lodged on 10/18

Rather tall very straw
still standing O.K. on 10/18

Rather tall, very short heads
no shattering

Excellent type, shorter straw than
smooth hull, standing perfectly on
10/18 straw still look like it had
just ripened. Prob best all round
appearing sel in test

Best straw type in test,
short very large stems,
stood profusely, grain inferior to
gown many sels in 1946 23/9

$\frac{5}{8}$ ← $\frac{1}{8}$ 24
 $\frac{7}{8}$ → $\frac{2}{8}$

DATA
CRE YIELD

U. LBS.

71.4 3211 19.8

52.6 2367 14.6

49.0 2206 13.6

63.6 2861 17.7

51.8 2330 14.4

| D A T E S | | | P L A N T
H T.
(I N .) |
|-----------|------|--|------------------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

- 297 B44-2404, 2404 8/28
BR Sel.
- 298 B41-3282-1, 2407 8/25 8/31
BR Sel.
- 299 B41/2A5-5-1, 2410 8/24 8/30
(B41-3282 x BR-41)
- 300 B44-2416, 2416 8/30
BR Sel.
- 301 B44-2421, 2421 8/15 8/30
(late Comp.)

DISEASES
H.O. Cerco- White
spora Tip

Y I I
GMS.
PER
ROW

0

R

302

362

664

0

R-M

262

418

680

Seg P
may be
phys R

1

R
a few S
plants

390

429

819

1

R

345

467

812

0

R

444

399

843

Straw hulls. smooth
quite short vegetatively darker
on 8/17, very heavy stool watch
Excellent straw on 10/17
Rather tall but standing
Perfectly on 10/18, Easily threshed
Short very dark, like 2404 on 8/17
very poor, less much sturdiness
fine strawed, Prob all R to C, O.
but has a flimsy. brownish on
some plants.

Very tall, long leaves on 8/17
Excellent grain, sl longer than BR
thinner, sl. flat. V. green straw
standing fairly well on 10/18
fine strawed, rather short straw.
Taller than 2404 & 2407, more
standing, gold hulls; fine
ht, very green straw, not
very tall.

Very tall vegetatively on 8/17
Possibly some sign for maturity & ht.
Grain too short, gold hulls
lodged at one end of plot,

FIELD DATA
ACRE YIELD

BU.

LBS.

50.6 2278 14.1

51.8 2333 14.4

62.4 2810 17.3

61.9 2786 17.2

64.3 2892 17.9

| | | | DATES | | PLANT
HT.
(IN.) |
|-----|--|------|------------|-----------|-----------------------|
| | | | HEADING | FULL | |
| | | | 1ST FULL | RIPE | |
| 302 | B44-2427,
Short x Medium | 2427 | 8/24 | 8/29 | |
| 303 | B44-2428
Short x Medium. | 2428 | 8/24 | 8/29 | |
| 304 | B401A3-25,
BR41 x 8323 | 2432 | 8/25 | 8/30 | |
| 305 | B4117A1-1-1,
(B401A x 8324)
BR41-8323A | 2435 | 8/22 | 8/30 | |
| 306 | B412A5-2,
8323 x K-7143 | 2458 | 8/1
8/4 | 8/30
? | |

Lodging

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

| | | |
|---|---|-------------------------|
| 4 | S | 518
476
<hr/> 994 |
|---|---|-------------------------|

| | | |
|---|---|-------------------------|
| 4 | S | 470
424
<hr/> 894 |
|---|---|-------------------------|

| | | |
|---|---|--------------------------|
| 4 | R | 536
549
<hr/> 1085 |
|---|---|--------------------------|

| | | |
|---|---|-------------------------|
| 4 | S | 533
460
<hr/> 993 |
|---|---|-------------------------|

| | | |
|---|---|-------------------------|
| 1 | M | 364
378
<hr/> 742 |
|---|---|-------------------------|

quite tall, dark green color on 8/17
very good foot type but
lodged completely on 10/17

Same as 2427 on 8/17

Very uniform ht, med tall, very good

Very tall on 8/17, & very tall after
heading, completely lodged on
10/17.

Very tall on 8/17, sign maturity
all club pan. type, short
straw, standing OK on 11/8,
leaves quite dead.

FIELD DATA

ACRE YIELD

BU.

LBS.

S0E

75.8 3410 21.0

S0E

68.2 3067 18.9

S0E

82.7 3723 23.0

S0E

75.7 3407 21.0

S0E

56.6 2546 15.7

| | | | D A T E S | | PLANT
HT.
(IN.) |
|-----|-------------------------------|---------|-----------|------|-----------------------|
| | | | HEADING | FULL | |
| | | | 1ST FULL | RIPE | |
| 307 | B412A5-8,
8323xK-7143 | 2466 | 8/20 | 8/28 | |
| 308 | B412A5-17,
8323xK-7143 | 2474 | 8/18 | 8/28 | |
| 309 | B3712A1-15-2-1-3,
K-HxBR | 2521 | 8/17 | 8/28 | |
| 310 | B3715A36-6
(3512A x SBR) | 5139+40 | 8/18 | 8/25 | |
| 311 | B3715A6-5-4,
(3512A x SBR) | 5145 | 8/17 | 8/26 | |
| | Smith hill | | 8/26 | | |

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

| | | |
|---|---|------------|
| 0 | M | 322 |
| | | <u>420</u> |
| | | 742 |

| | | |
|---|---|------------|
| 1 | M | 430 |
| | | <u>325</u> |
| | | 755 |

| | | |
|---|---|------------|
| 0 | R | 333 |
| | | <u>400</u> |
| | | 733 |

| | | |
|---|---|------------|
| 0 | R | 381 |
| | | <u>389</u> |
| | | 770 |

| | | |
|---|---|------------|
| 3 | R | 423 |
| | | <u>444</u> |
| | | 867 |

| | | |
|---|---|--|
| 4 | R | |
|---|---|--|

very tall vegetatively on 8/7
much taller than A 5-2, also
much heavier looking

very tall vegetatively on 8/7
standing quite well on 10/18

Rather short vegetatively on 8/7
poor stand, very heavy stem
very good.

Phys. brown, brown on
10/17 ^{and no bud} No. Co. still standing
very well on 10/17

completely brown leaves from
phys. brown on 10/17, completely
dried

LD DATA

ACRE YIELD

BU.

LBS.

56.6 2546 15.7

57.6 2590 16.0

55.9 2515 15.5

58.7 2642 16.3

66.0 2975 18.4

37 Total grain yield x 5.335 - Chapin A

Pine Island Variety Test, 3-row Plots

Estimated average
18/11/77 for yield

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

9/27

312 B403/A1-23, 27
TP x R-SBR.

313 B44-2653, 2653
Hill Long-grain
Sel.

10/3

314 B347B40-9, 58
R x N

10/7

315 Taman Nira. 79

10/1

316 B322A4-1, 67
R x F

Fert. = 250 of 4-12-4 at Seeding
200 cyanamid on Aug. 1.

Sown May 31, 1945

DISEASES
H.O. Cerco- White
spora Tip

| YIELD | |
|-------|-----|
| GMS. | PER |
| ROW | |

442

252

367

313

408

standing very well on 10/15
very good heads, possibly
better straw than A4-43 lines

pos

standing O.K. no lodging

Discl

standing O.K.
sl later & standing straighter
than BBT

LD. DATA

ACRE YIELD

BU.

LBS.

52.4 2358 14.6

29.9 1344 8.3

43.5 1958 12.1

37.1 1670 10.3

48.4 2177 13.4

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|-----|--|------|-----------|-------|------|-----------------------|
| | | | HEADING | | FULL | |
| | | | 1ST | FULL | RIPE | |
| 317 | Bluebonnet | 60 | | 9/27 | | |
| 318 | B347B41-1,
RxN | 66 | | 10/4 | | |
| 319 | B4031A1-24-1,
TPx R-SBR | 2712 | | 9/24 | | |
| 320 | B44-2719,
Stockdick
Early Rexoro | 2719 | | 10/5 | | |
| 321 | B44-2764,
Gold-Hull
Bluebonnet | 2764 | | 10/11 | | |

DISEASES
H.O. Cerco- White
spora Tip

Cerco-
spora

White Tip

GMŠ.

PER

ROW

366

Bulk weight - 2250gms ³⁶⁶

470

V. good, no lodging

Standing O.K.

Has very short stam, earliest
on test, make many sets
Still standing O.K.
after storm, rather small
strain, but tough.

lodged in / small spot
prob. not as stiff should
as B 40-9
about BBT st.

LD DATA
ACRE YIELD

BU.

LBS.

56.8 2555 15.8

43.4 1953 12.1

55.7 2507 15.5

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

10/3

322 Anseline Gold 274
(Bluebonnet)

10/2

323 B44-2777, 2777
TP Sel.

9/25

324 B4033 A4447-1, 2877
TP x R-7689

10/4

325 B44-2951, 2951
Purple Nira

9/18

326 B43-2089, 90
Sm. B.R. Sel.

DISEASES
H.O. Cerco- White
spora Tip

Cerco-
spora

White Tip

GMS.

PER

ROW

44

Bull megdud 1299

552

三三三

Too tall,
Taller than gold BBT
& BBT

Very late

standing ok after storm
prob. no better than A4-43
No lodging so may be stiffer
stained than A4-43

LD DATAACRE YIELD

BU.

LBS.

49.1 2209 13.6

-65.4 2945 18.2 ✓

41.8 1883 11.6

B4030 A4-43 Increase at

Head
1st Full

4033A4-43-2

2867

9/20

1588

3455

6 rows

3482

Much earlier than other lines. 8525
Probably 1 week earlier than others, shorter stem

4033A4-43-4

2868

10/1

2265

3 rows

2586

Tall,

4033A4-43-6

2870

10/1

3 rows

Tallest, taller than 2868

4033A4-43-7

2871

9/25

3 rows

fairly short

4033A4-43-8

2872

9/27

6 rows

Fert = 250 of 4-12-4 at Seeding
200 Cyanamide on Aug. 1

50

Pine Island, Sown May 31, 1945

1st Trial

4033A4-43-9

2873

9/28

3 rows
(short)

~~1588~~

~~3755~~

~~3482~~

~~8525~~

4033A4-43-109/29

2874

6 rows

4033A4-43-11 9/27

2875

6 rows

Rathertail

033A4-43 ~~10~~ 9/27

72

15 rows on
south block.

Sl irregular lit, & sl earlier than
a number of the seeds.

72

24-Rows
2nd block.

51

Rows harvested were 14 feet long 2 ft

Mitchell Fertilizer Test.

on Mitchell Bros. Farm north of Station

| Rate | DATES | | PLANT
HT.
(IN.) |
|------|---------|------|-----------------------|
| | HEADING | FULL | |
| | 1ST | FULL | RIPE |

Rate

165

150

S.A. - Bone Meal

1-1 Mixture

18-17-0

150

Bonemeal.

5-5-33-0

~~#5~~

Sulphate of

165

Ammonia

(10 % flour)

30-0-0

0

No Fertilizer

150

~~Bonemeal~~~~(9 rows)~~

33 rows

3.431 x Total gram per 2 plots

 $\frac{16}{45} = \text{K}$ per H $\frac{16}{162} = \text{P}$ per H

Variety = Rx Purple Leaf.

80 feet long 52

Sown May 3. 6-Row Plots 12" Row Sp.

| YIELD DATA | | |
|--------------------|------------|------|
| GMS.
PER
ROW | ACRE YIELD | |
| | BU. | LBS. |

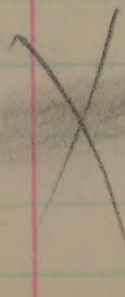
| | | | |
|-------|------|------|---------------------|
| 470 | | | |
| 375 | | | |
| <hr/> | | | |
| 845 | 64.4 | 2899 | 17.9 ^{0.6} |

| | | | |
|-------|------|------|---------------------|
| 423 | | | |
| 395 | | | |
| <hr/> | | | |
| 818 | 62.4 | 2807 | 17.3 ^{0.1} |

| | | | |
|-------|------|------|---------------------|
| 444 | | | |
| 515 | | | |
| <hr/> | | | |
| 959 | 73.1 | 3290 | 20.3 ^{1.7} |

| | | | |
|-------|------|------|------|
| 363 | | | |
| 401 | | | |
| <hr/> | | | |
| 764 | 58.2 | 2621 | 16.2 |

= lbs per A



Dishman Fertilizer Test.

(an Dishman farm
south of station)

| Rate | Seed
per
row | DATES | | | PLANT
HT.
(IN.) |
|---------------------------------------|--------------------|---------|------|------|-----------------------|
| | | HEADING | FULL | RIPE | |
| | | 1ST | FULL | | |
| 150 | 1 | 8/25 | | | |
| S.A. - Bone Meal
(1-1 Mixture) | 6 | 8/27 | | | |
| | | 8/26 | | | |
| | | | | | |
| 150 | 2 | 8/23 | | | |
| Bonemeal | 5 | 8/25 | | | |
| | | 8/24 | | | |
| 165 | 3 | 8/28 | | | |
| Sulphate of
Ammonia
(10% flour) | 8 | 8/30 | | | |
| | | 8/29 | | | |
| 0 | 4 | 8/29 | | | |
| No Fertilizer | 7 | 8/30 | | | |
| | | 8/29 | | | |

Total grain yield ^{2 acres} x 3.421 = lbs per acre
 Bu = $\frac{\text{lbs}}{45}$ + Bls = $\frac{\text{lbs}}{162}$

Variety = Smooth-hull 80 feet long 54

own May 5, 6-Row Plots, 12" row spacing

| YIELD DATA | | |
|--------------------|------------|------|
| GMS.
PER
ROW | ACRE YIELD | |
| | BU. | LBS. |

Black
9/8

425
411
 836 63.7 2868 17.7¹¹

442
405
 847 64.6 2906 17.9³⁴

325
379
 704 53.7 2415 14.9⁶⁴

358
389
 747 57.0 2563 15.8

55

no. from north to south

Rows consisted were 14 feet long

La Belle

Fertilizer Test.

J.E. Frenson farm
in La Belle area
(An stubble land)

| | Seedling | DATES | | | PLANT
HT.
(IN.) |
|---------------------------------------|----------|---------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |
| 150 | 1 | | | | |
| S.A.-Bone Meal
(1-1 Mixture) | 8 | | | | |
| 165 | 2 | | | | |
| Sulphate of
Ammonia
(10% flour) | 5 | | | | |
| 150 | 3 | | | | |
| Bonemeal | 8 | | | | |
| 0 | 4 | | | | |
| No Fertilizer | 6 | | | | |

43560

=

1555.71

Acre

28 sq ft -

3.431

x total yield in ground (2 acres) = 6.862

Variety = Texas Patna
 and 1 foot apart

80 feet long 56

Sown :- May 7, 6 row plots, 12" row spacing

| YIELD DATA | | | | |
|--------------------|------------|------|------|-----|
| GMS.
PER
ROW | ACRE YIELD | | | |
| | BU | LBS. | Plts | |
| 447 | | | | 90 |
| 419 | | | | |
| <hr/> 866 | 66.0 | 2971 | 18.3 | 9.6 |

| | | | | |
|-----------|------|------|------|-----|
| 419 | | | | |
| 422 | | | | |
| <hr/> 841 | 64.1 | 2885 | 17.8 | 6.7 |

| | | | | |
|-----------|------|------|------|---|
| 361 | | | | |
| 436 | | | | |
| <hr/> 797 | 60.8 | 2735 | 16.9 | 9 |

| | | | | |
|-----------|------|------|------|--|
| 376 | | | | |
| 414 | | | | |
| <hr/> 790 | 60.2 | 2710 | 16.7 | |

$$Bu = \frac{lb \text{ yield}}{45} + \frac{bbl \text{ yield}}{162} = \frac{lb \text{ yield}}{162}$$

57

numbered from South to North

Source of Seed, sown May 7,

Seed
order

| DATES | | PLANT
HT.
(IN.) |
|----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

2
Seed9
13# 1
Seed12
14 ✓

Variety = Texas Patna (Broussard.)

58

#1 & #2 Lots from Superior Machine
6 row plots, 12" Row spacing

YIELD DATA

| GMS.
PER
ROW | ACRE YIELD | |
|--------------------|------------|------|
| | BU. | LBS. |

411

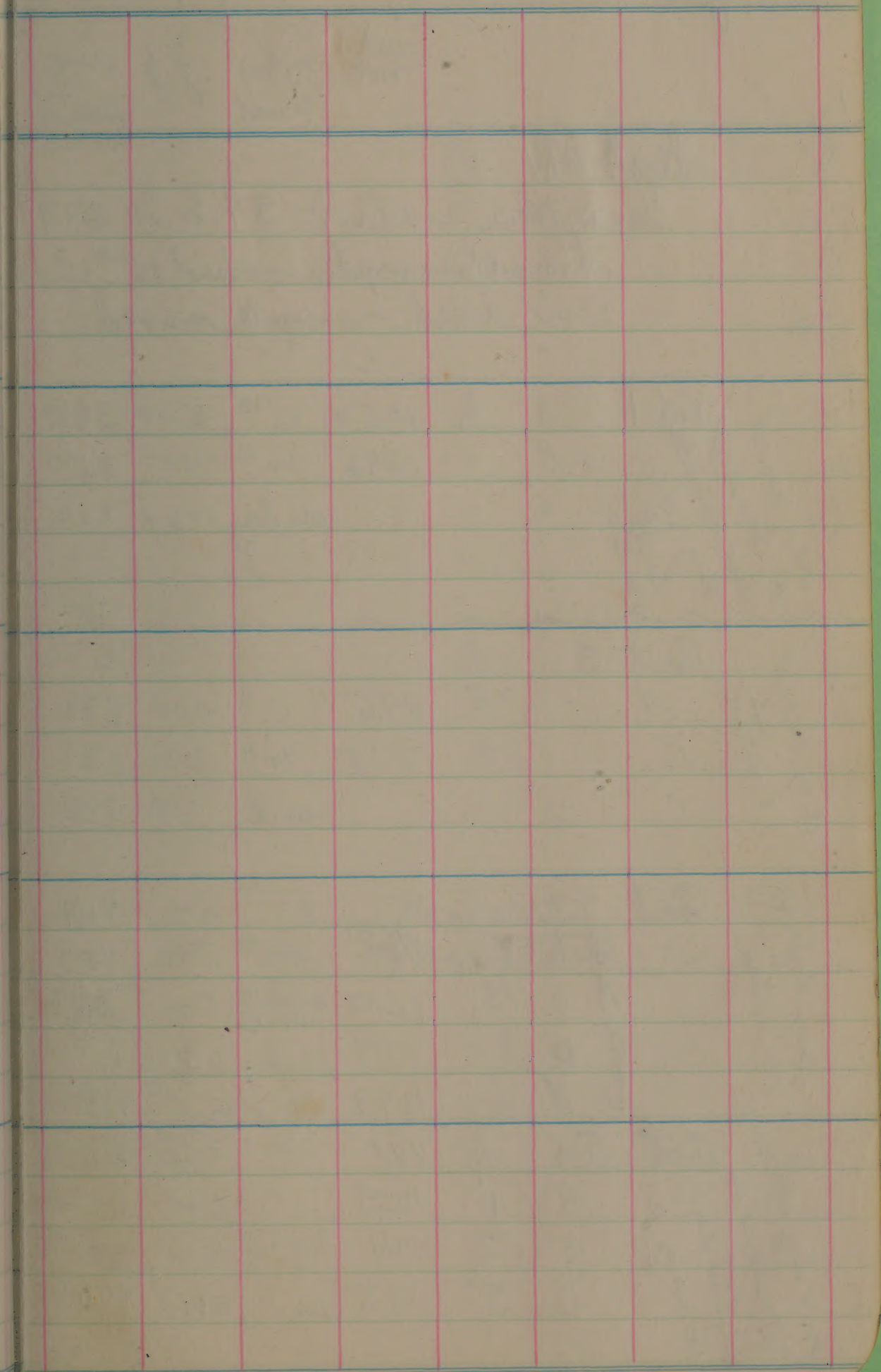
352

763 58.2 2618 16.2 ✓

375

356

731 55.7 2508 15.5



Single rows 80 ft. long, rows

nut
nut

nut
nut

dry
nut

Sept 28

moisture content 34.5% 297

small sample cooked 15# 15 min
air dried sample saved.

Oct 1 A

1050 15# 500 380

B

1295 20# 500 380

C

air dry 1064 812

Oct 3

A

5

895 15# 400 320

B

4

775 20# 400 321

C

air dry 741 588

Oct 4 A

15# 500 407

B

3

968 20# 500 409

C

13

1017 boil 10 15-15 500 382
some moisture
lost in it

D

6

984 air dry 2326 376

E

8

1043 air dry 1895

Oct 5 A

9

971 15# 500 405

B

1

1039 20# 500 402

C

13

1141 boil 10 15-15 500 405

D

5

865 air dry 2193 1766

not in regular exp't

had named
on Sunday
but sample lost
dry when
cut with
cutting knife

dry light
moisture

dry light
moisture

use dry when
cut named on
right early
knowning

spaced 7" apart 40' sections for each test.

%
moisture
in air

wt on
Jan 9

34.5

30.7

28.8

26.2

Moisture 10.40
Moisture 10.50

27.5

Oct 6 A 11
 B 3
 C 4
 D 12

| | | | | | | |
|-------|---|----|------|----------------------|------|------|
| Oct 7 | A | 4 | 800 | 15 [#] -15" | 500 | 412 |
| | B | 6 | 1103 | 20 [#] -15" | 500 | 411 |
| | C | 7 | 980 | Boil | 500 | 417 |
| | D | 10 | 895 | cold
soak | 500 | 412 |
| | e | | | air dry | 1530 | 1258 |

Oct 8 A 10
 B 11
 C 3
 D 13

Oct 9 A 8
 B 5
 C 2
 D 7

Oct 10 A 1
 B 12
 C 5
 D 6

90
moisture
when
cut

25.6

moisture 10.90

| | | | | | | |
|--------|---|---|------|----------------------------------|------|------|
| Oct 11 | A | 1 | 871 | 15 [#] -15 [#] | 500 | 423 |
| | B | 2 | 913 | 20 [#] -15 [#] | 500 | 421 |
| | C | 1 | 961 | Boil | 500 | 423 |
| | D | 1 | 1025 | cold
soak | 500 | 422 |
| | e | | | air dry | 1529 | 1293 |

| | | | | | | |
|--------|---|---|------|-----------|------|------|
| Oct 12 | A | 2 | 970 | 15-15 | 500 | 437 |
| | B | 3 | 1090 | 20-15 | 500 | 437 |
| | C | 2 | 952 | Boil | 500 | 433 |
| | D | 2 | 1070 | cold soak | 500 | 435 |
| | e | | | air dry | 1788 | 1555 |

| | | | | | | |
|--------|---|---|------|---------|------|------|
| Oct 13 | A | 6 | 1070 | | 500 | 437 |
| | B | 5 | 846 | | 500 | 434 |
| | C | 3 | 841 | | 500 | 434 |
| | D | 3 | 934 | | 500 | 435 |
| | e | | | air dry | 1414 | 1232 |

Oct 14 14

8

8

11

| | | | | | | |
|--------|---|---|------------------|----------------------------------|------|------|
| Oct 15 | A | 7 | 729 | 15 [#] -15 [#] | 500 | 444 |
| | B | 7 | 897 | 20 [#] -15 [#] | 500 | 443 |
| | C | 4 | 880 | Boil | 580 | 443 |
| | D | 4 | 844 [#] | wet soak | 500 | 444 |
| | e | | | air dry | 1122 | 1009 |

70
moisture
when
cut

23.9

moisture 10.30%

21.8

22.1

19.5

| | | | | | |
|---------|---|-------------------------------|---------------------|------|------|
| act 16A | 8 | 860 | 20 [#] -15 | 500 | 455 |
| B | 8 | 881 | 20 [#] -25 | 500 | 454 |
| C | 5 | 868 ² ₄ | Bail | 500 | 454 |
| D | 6 | 962 ² ₈ | Cold soak | 500 | 454 |
| e | | | airdry | 1325 | 1198 |

| | | | | | | |
|--------|---|----|-----|-----------|------|------|
| act 17 | A | 10 | 948 | 20-15 | 500 | 458 |
| | B | 9 | 930 | 20-25 | 500 | 458 |
| | C | 8 | 813 | Bail | 500 | 459 |
| | D | 8 | 867 | Cold soak | 500 | 460 |
| | e | | | airdry | 1335 | 1228 |

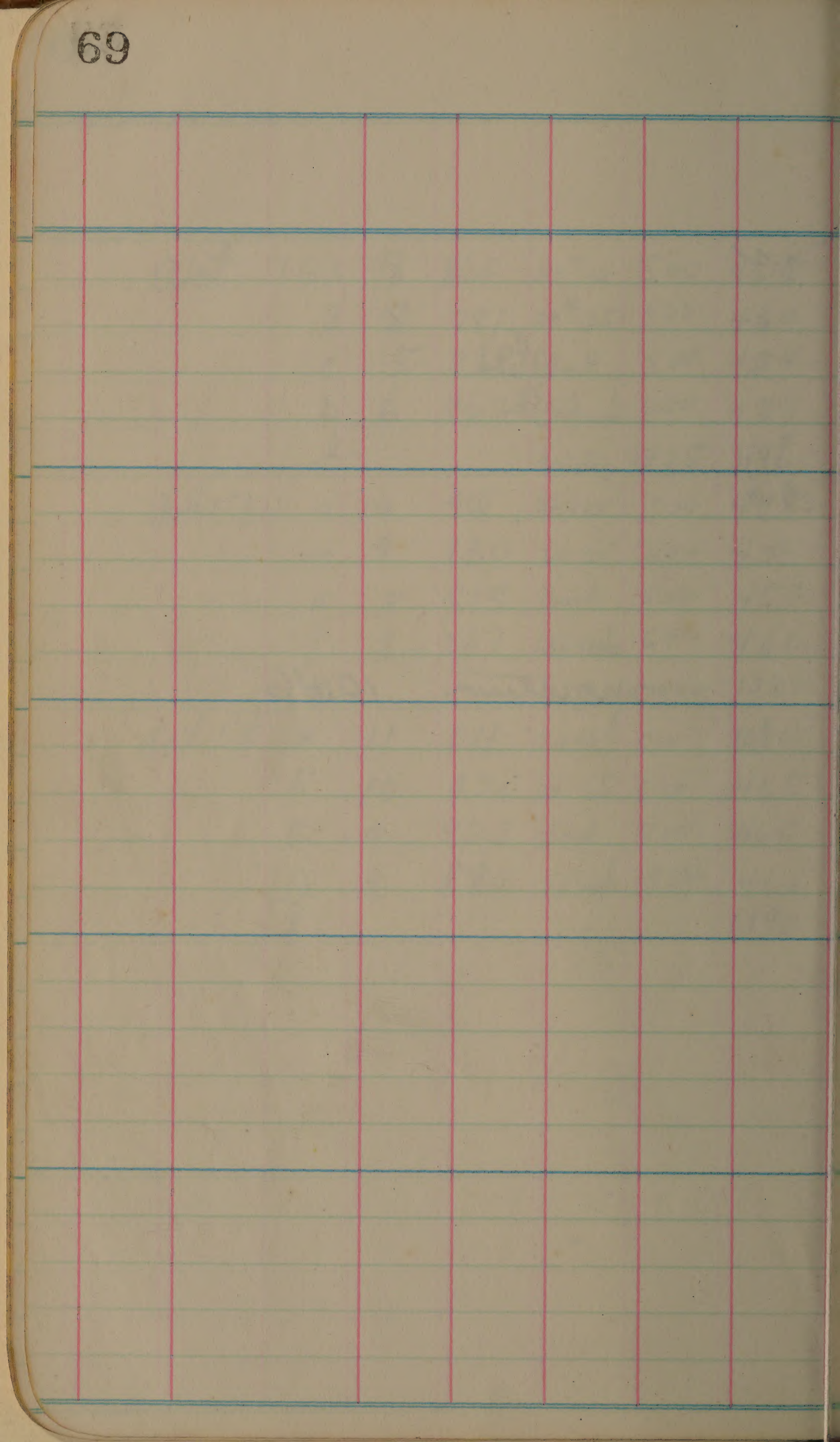
| | | | | | | |
|--------|---|----|-----|-----------|------|------|
| act 19 | A | 11 | 811 | 20-15 | 500 | 463 |
| | B | 10 | 938 | 20-25 | 500 | 465 |
| | C | 9 | 923 | Bail | 500 | 465 |
| | D | 9 | 880 | Cold Soak | 1284 | 466 |
| | e | | | | | 1190 |

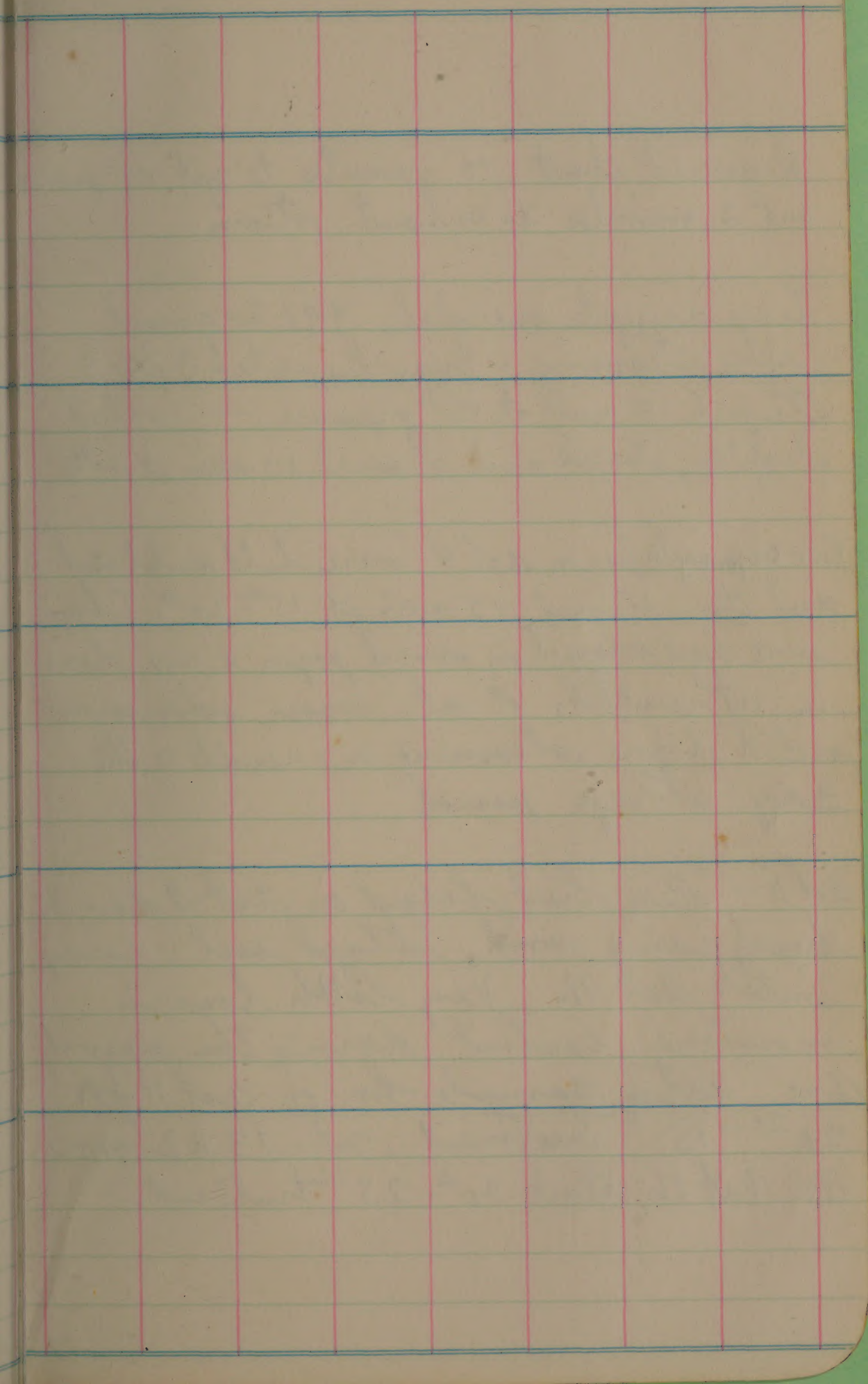
18.2

17.5

16.1

moisture 10.46



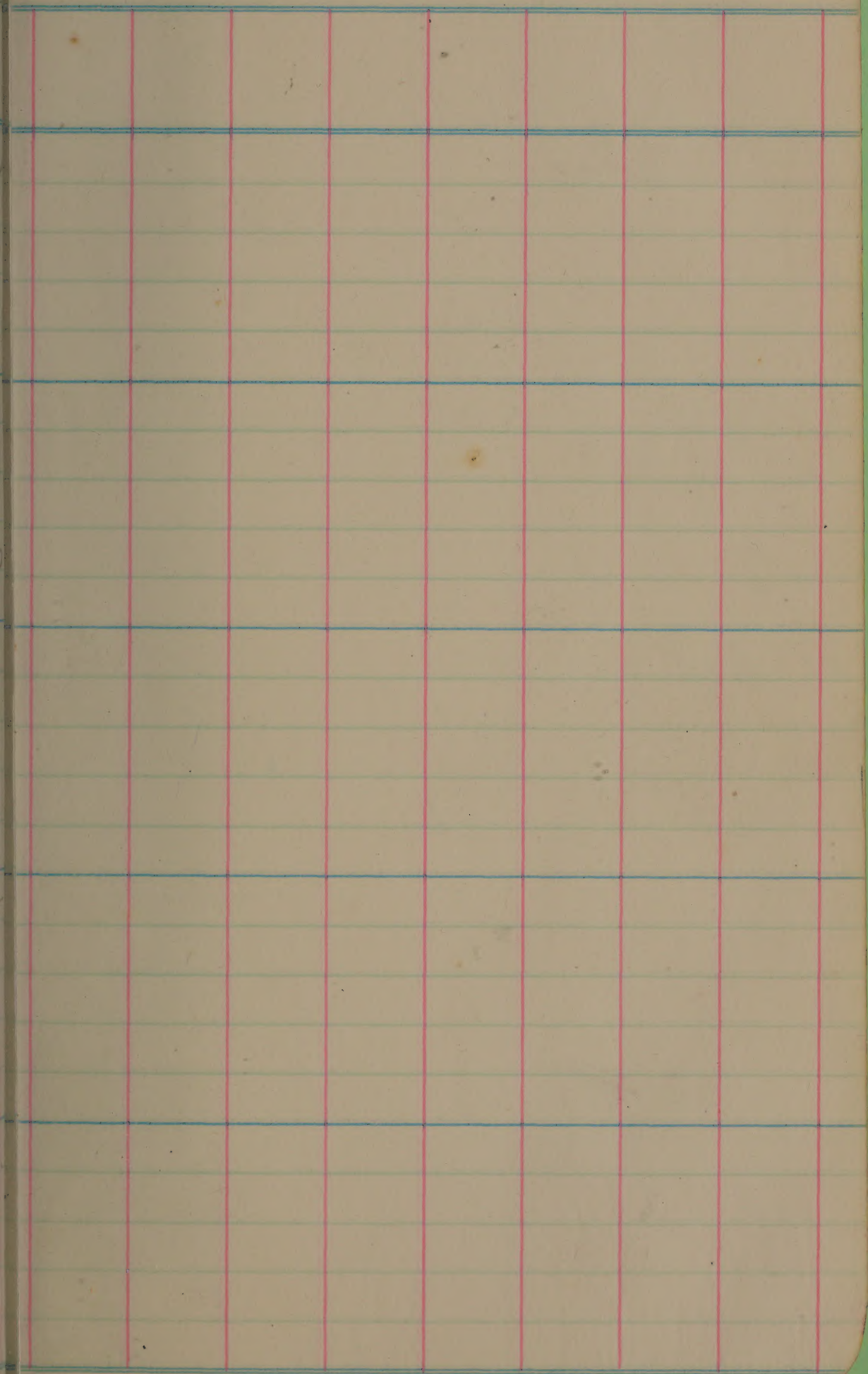


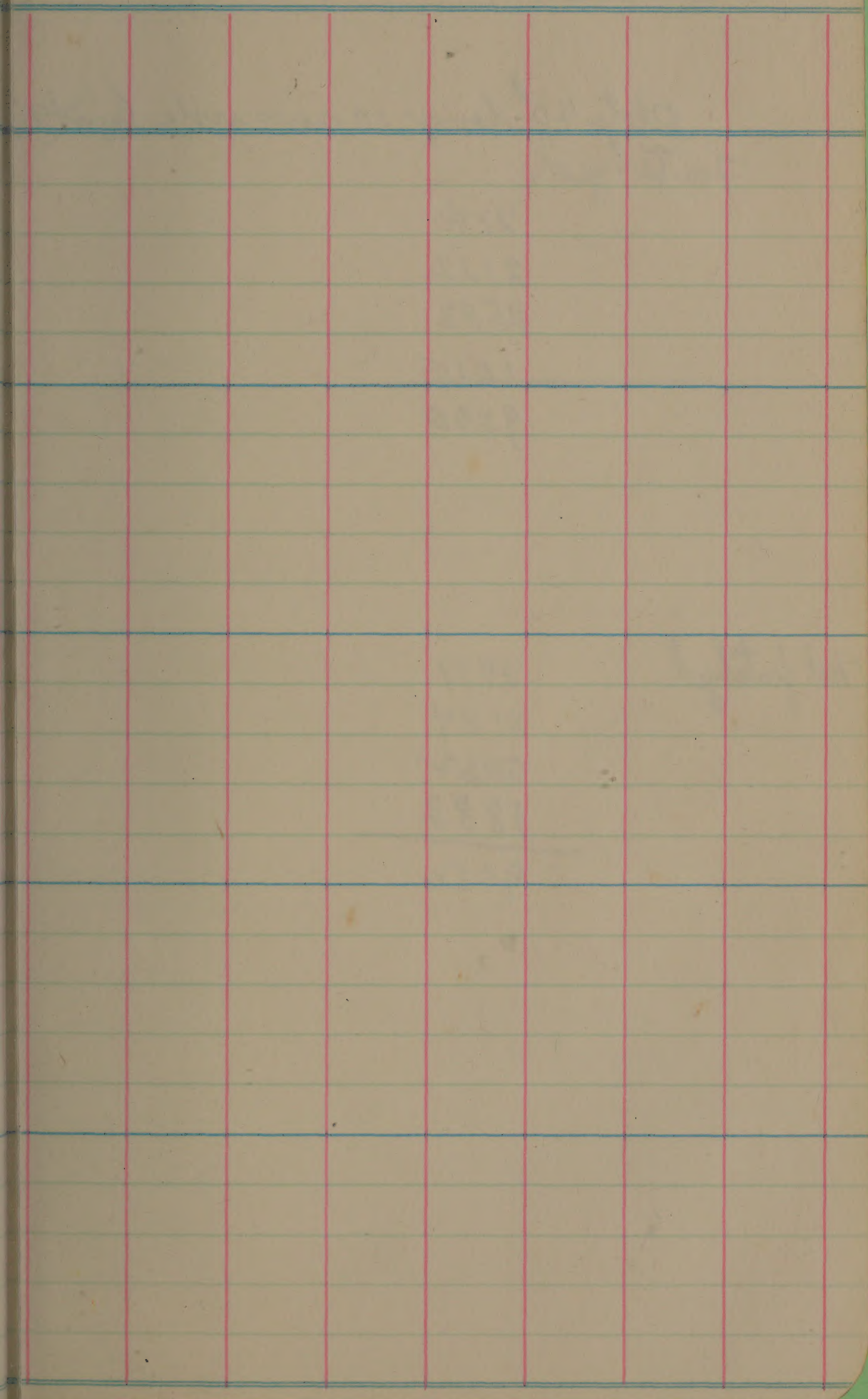
Required about 10 minutes to get up pressure and 3 minutes to exhaust steam

Large sample weighed 4912 gms before steaming - was harvested Oct. 3
Steamed 15 min at 15th pressure - cooled slightly, stored and steamed 10 min at 20th

Two 500 gm samples hr. on Oct 4 were held until Oct 10 and then steamed 15 min at 15th & 20th. They were kept wrapped in waxed paper & no loss in wt resulted. A sl. sour odor was noted before steaming as a result of the 3 day storage period.

Oct 11 - Rice had lodged on Oct 8 due to heavy rain & wind. Stayed wet & rainy until Oct 11. Very little loss in moisture content during this period.
One extra sample hr. on Oct 11 for 20th - 15" treatment. Wt = 1322 gms.
On Oct 16 start 20th - 25" treatment





Dishman Phosphatedth application

plots 40' long 10 rows wide (row 7")
fertilized

2740

2722

2523

1015

9000

Not fertilized

2971

2134

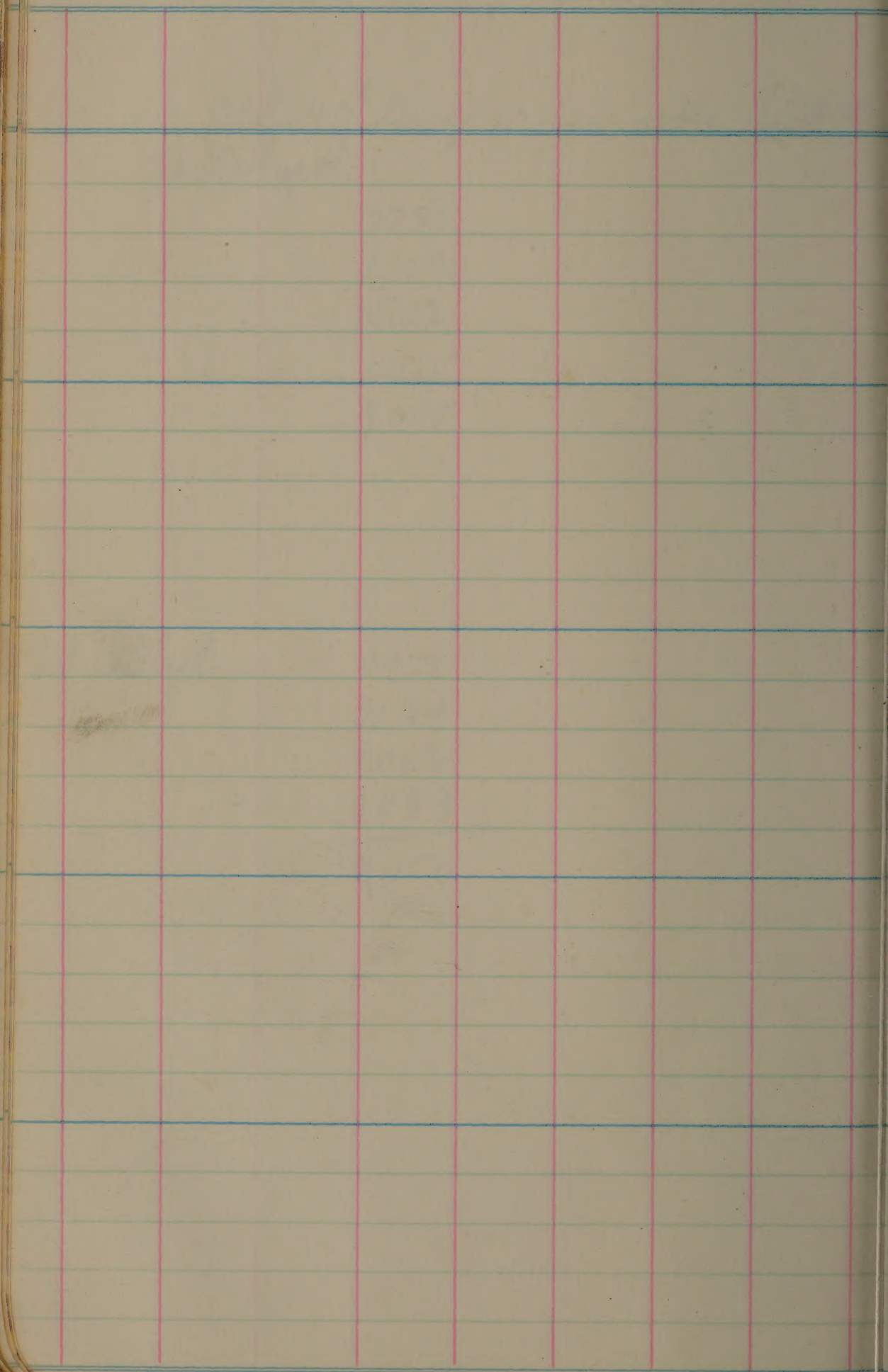
2062

1883

9050

at plowing time

apart)



If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
Official Business

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ment of postage, \$300

U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases

197 J 211 on for short

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:

| | |
|-------------------------|--------------------|
| (a) Area in square feet | (b) Number of rows |
| (c) Length of rows | (d) Width of rows |
6. Fertilizer:

| | |
|-------------------------|---------------------------|
| (a) Pounds per acre | (b) Analysis (N-P-K) |
| (c) Time of application | (d) Method of application |
| (e) Side dressings | |
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable in each experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and serious attacks, estimating crop loss. For example, FW * 5/35-7 (Footnote * Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatment, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruler paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid possible transcribing or typing of raw data.

151

early

187

mid-late

219

mid-late

255

late

field

early

mid

late

mid

late

late

10 all yield data checked.

| | | D A T E S | | | PLANT
HT.
(IN.) |
|---------------|------|-----------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |
| 151 | | 7/25 | 8/2 | 8/22 | 42 |
| C282A9-6-1-2, | 13 | | | | |
| ExF | | | | | |
| CI-8319 | | | | | |
| 152 | | 7/25 | 8/1 | 8/22 | 43 |
| Edith, | 230 | | | | |
| CI- | | | | | |
| 153 | | 7/27 | 8/3 | 8/2 | 43 |
| B43-2098, | 231 | | | | |
| Edith Sel. | | | | | |
| 154 | | 8/1 | 8/8 | 8/29 | 40 |
| C39R309 | 24 | | | | |
| EP Sel. | | | | | |
| 155 | | 7/26 | 8/4 | 8/29 | 39 |
| 250-113 | | | | | |
| CI15 | 2366 | | | | |
| S-Fx CO-BR | | | | | |

gran yield 6.0 = the part
the 45 = the part

DISEASES
H.O. Cerco- White
spora Tip

YIELD

GMS.
PER
ROW

A

B

324

3/3

283

376

342

| D DATA | |
|-----------|------|
| CRE YIELD | |
| 1 | 152 |
| 43.2 | 1944 |
| 41.7 | 1878 |
| 37.7 | 1698 |
| 50.1 | 2256 |
| 45.6 | 2052 |

1

152

43.2 1944

151
early

41.7 1878

37.7 1698

50.1 2256

45.6 2052

| | | DATES | | | PLANT
HT.
(IN.) |
|--|--|---------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |

156 156
C250-129
C129,

2367

S-FxCO-BR

7/28 8/8 8/21 40

157
C250-138
C138,
S-FxCO-BR

2369

Wickstrom

7/25 8/5 8/26 41

158
Unknown

unknown

8/14 8/21 44

159
B44-2649

2649

Hill Med-gr. Sel.

7/28 8/4 8/28 36

160
B44-2046

2046

Smooth EP

7/25 8/3 8/30 43

| DISEASES | | | YIELD |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | | | 369 |
| | | | 265 |
| | | | 472 |
| | R | | 367 |
| | R | | 366 |

~~265~~
265 R

very bad for leaf yellowing 2/5

Has a few late rogues

| LD DATA | |
|------------|------|
| ACRE YIELD | |
| BU. | LBS. |
| 49.2 | 2214 |
| 35.3 | 1590 |
| 62.9 | 2832 |
| 48.9 | 2202 |
| 48.8 | 2196 |

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|-----|----------------|------|-----------|------|------|-----------------------|
| | | | HEADING | FULL | | |
| | | | 1ST FULL | RIPE | | |
| 161 | 161 | | 7/25 | 8/1 | 8/31 | 43 |
| | B44-2047, | 2047 | | | | |
| | Smooth E.P. | | | | | |
| | 162 | | 7/24 | 8/2 | 8/20 | 42 |
| | B44-2048, | 2048 | | | | |
| | Smooth E.P. | | | | | |
| | 163 | | 7/27 | 8/3 | 8/29 | 42 |
| | B44-2058 | 2058 | | | | |
| | WxF Rogue Sel. | | | | | |
| | 164 | | 7/25 | 8/2 | 8/29 | 40 |
| | B411A3-7-2, | 2135 | | | | |
| | 8323 x Z | | | | | |
| | 165 | | 7/29 | 8/6 | 8/26 | 40 |
| | B411A3-12-15, | 2156 | | | | |
| | 8323 x Z | | | | | |

DISEASES
H.O. Cerco- White
spora Tip

YIELD
GMS.
PER
ROW

R

446

R
fuo S (sig)

R

1112-452

S
Highly S

424

M-R

372

quite leafy, stays very green (leaves)
when ripe. Very good.

| D DATA | |
|------------|------|
| ACRE YIELD | |
| U. | LBS |
| 59.5 | 2676 |
| 60.3 | 2712 |
| 56.5 | 2544 |
| 49.6 | 2232 |

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|-----|-----------------------------|------|-----------|------|------|-----------------------|
| | | | HEADING | FULL | | |
| | | | 1ST FULL | RIPE | | |
| 166 | 166 | | 7/30 | 8/7 | 8/30 | 36 |
| | B411A3-36-1,
8323xZ | 2169 | | | | |
| | 167 | | 7/20 | 8/2 | 8/21 | 35 |
| | B42-2113,
8323Roque | 47 | | | | |
| | 168 | | 7/26 | 8/1 | 8/31 | 38 |
| | B404A1-45-1,
BR41 x EP | 6 | | | | |
| | 169 | | 7/30 | 8/7 | 9/1 | 37 |
| | S40-25313,
EP x BR | 12 | | | | |
| | 170 | | 7/31 | 8/8 | 9/4 | 39 |
| | B404A1-18-1-1,
BR41 x EP | 2284 | | | | |

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

M

326

M

354

S

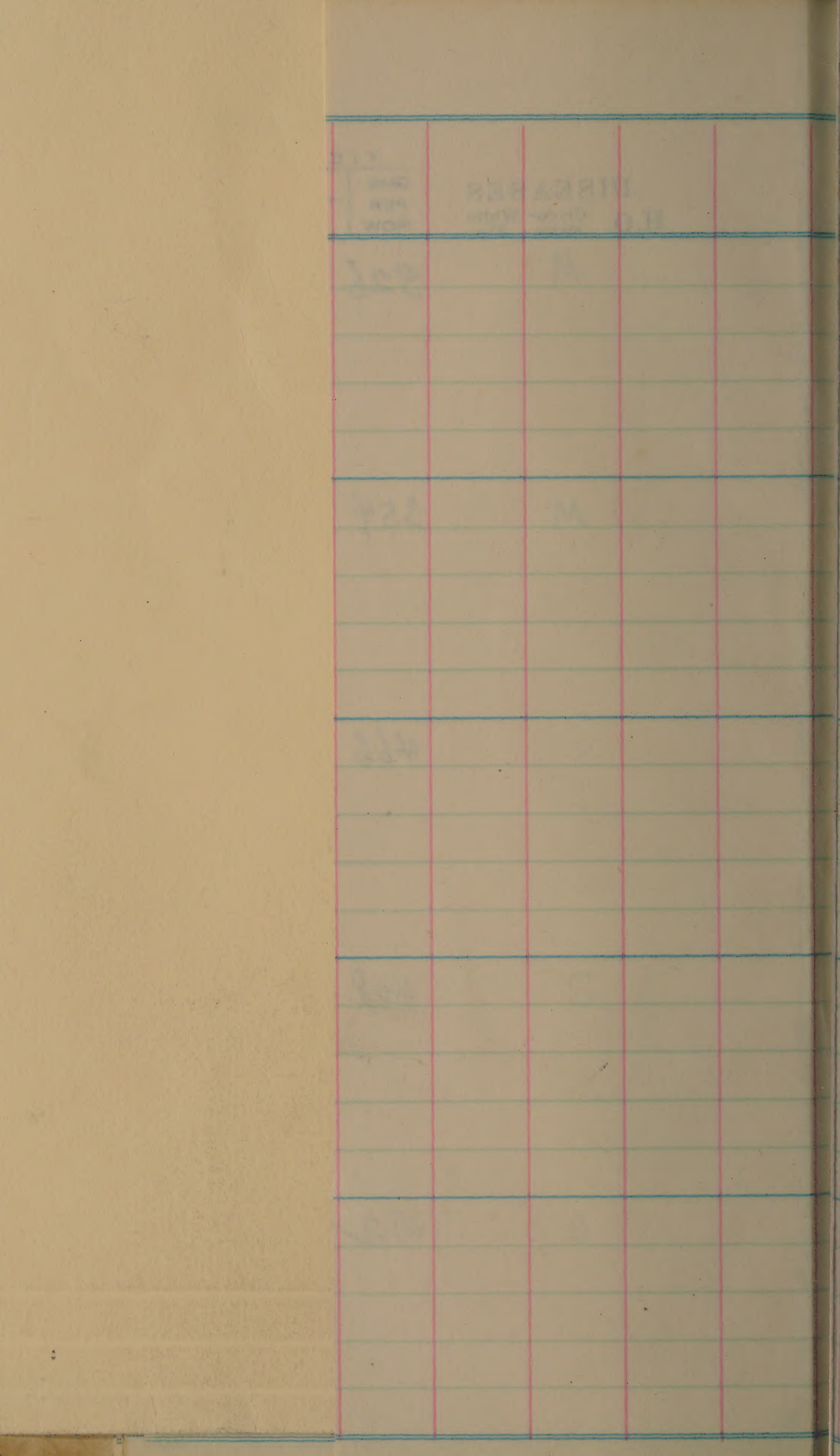
466

S

408

S

462



| LD DATA | |
|---------|-------|
| ACRE | YIELD |

BU.

LBS.

43.5 1956

47.2 2124

62.1 2796

54.4 2448

61.6 2772

| D A T E S | | | P L A N T
H T.
(I N.) |
|-----------|------|------|-----------------------------|
| HEADING | FULL | RIPE | |
| 1ST FULL | | | |

| | | | | | |
|-----|-----|------|-----|------|----|
| 171 | 171 | 7/26 | 8/5 | 8/31 | 39 |
|-----|-----|------|-----|------|----|

B404A1-29-2-1, 2293

BR41 x EP

| | | | | | |
|-----|-----|------|-----|-----|----|
| 172 | 172 | 7/28 | 8/7 | 9/1 | 39 |
|-----|-----|------|-----|-----|----|

B404A1-45-2-2, 2304

BR41 x EP

| | | | | | |
|-----|-----|------|-----|------|----|
| 173 | 173 | 7/30 | 8/8 | 8/31 | 38 |
|-----|-----|------|-----|------|----|

B404A1-72-3-1, 2309

BR41 x EP

| | | | | | |
|-----|-----|------|-----|-----|----|
| 174 | 174 | 7/31 | 8/9 | 9/1 | 39 |
|-----|-----|------|-----|-----|----|

B404A1-32-4-2, 2313

BR41 x EP

| | | | | | |
|-----|-----|-----|-----|-----|----|
| 175 | 175 | 8/1 | 8/9 | 9/2 | 41 |
|-----|-----|-----|-----|-----|----|

B404A1-45-2-3 2305

BR41 x EP

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

S

478

S

469

S

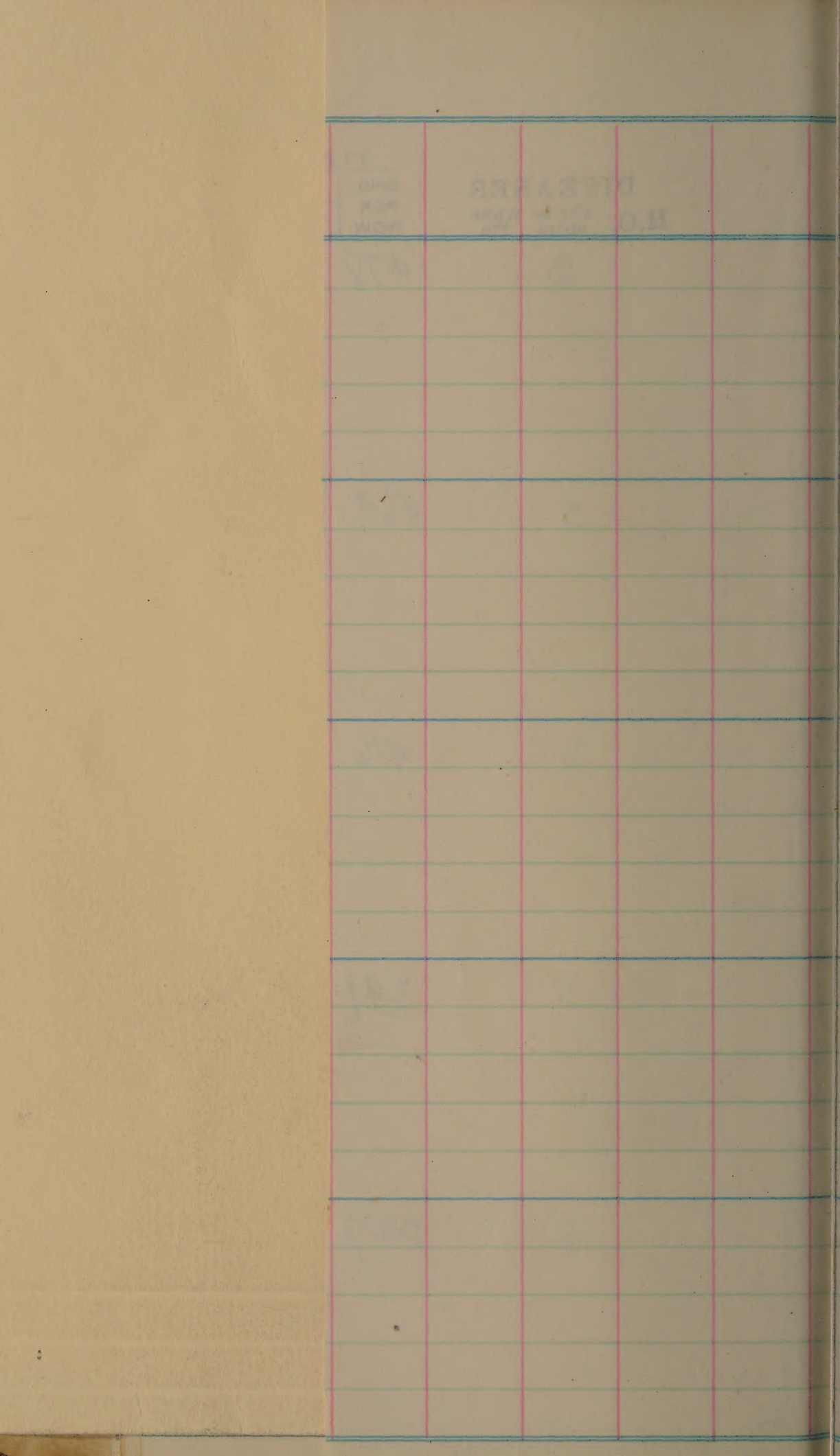
416

S

391

S

367



| FIELD DATA | |
|------------|------|
| ACRE YIELD | |
| BU. | LBS. |

63.7 2868

62.5 2814

55.5 2496

52.1 2346

48.9 2202

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|------|-----------------------|
| HEADING | FULL | RIPE | |
| 1ST FULL | | | |

| | | | | | |
|-----|-----|------|-----|------|----|
| 176 | 176 | 7/29 | 8/6 | 8/21 | 40 |
|-----|-----|------|-----|------|----|

B404A24-2, 2330
BR41 x EP

| | | | | | |
|--|-----|------|-----|------|----|
| | 177 | 7/28 | 8/7 | 8/30 | 37 |
|--|-----|------|-----|------|----|

B404A72-1, 2331
BR41 x EP

| | | | | | |
|--|-----|------|-----|------|----|
| | 178 | 7/27 | 8/2 | 8/30 | 39 |
|--|-----|------|-----|------|----|

B404A1-29-2, 250
BR41 x EP

| | | | | | |
|--|-----|------|-----|------|----|
| | 179 | 7/20 | 8/8 | 7/11 | 38 |
|--|-----|------|-----|------|----|

B401A 31, 234
BR41 x 8323

| | | | | | |
|--|-----|------|-----|--|----|
| | 180 | 7/27 | 8/9 | | 36 |
|--|-----|------|-----|--|----|

B401A49, 225
BR41 x 8323

| DISEASES | | | Y I E |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | S | | 427 |
| | S | | 353 |
| | S | | 470 |
| | S | | 354 |
| | S | | 284 |

LD DATA

ACRE YIELD

BU.

LBS.

56.9 2562

47.1 2118

62.7 2820

47.2 2124

37.9 1704

| DATES | | | PLANT
HT.
(IN.) |
|---------|------|------|-----------------------|
| HEADING | FULL | RIPE | |
| 1ST | FULL | | |

| | | | | |
|-----|-----|------|-----|----|
| 181 | 181 | 7/25 | 8/9 | 35 |
|-----|-----|------|-----|----|

B401A58, 236
BR41x8323

| | | | | |
|-----|------|------|------|----|
| 182 | 7/16 | 7/25 | 8/19 | 42 |
|-----|------|------|------|----|

B3810B43-4, 2225
S-EPxCA-CDy

| | | | | |
|-----|-----|------|-----|----|
| 183 | 8/5 | 8/14 | 9/9 | 40 |
|-----|-----|------|-----|----|

B2916A34-3-2-1, 11
E x BR
CT-8324-2

| | | | | |
|-----|------|-----|-----|----|
| 184 | 7/26 | 8/4 | 9/2 | 35 |
|-----|------|-----|-----|----|

B4117A2-9, 237
(B401A x 8324)

| | | | | |
|-----|-----|------|-----|----|
| 185 | 8/4 | 8/13 | 9/7 | 39 |
|-----|-----|------|-----|----|

B4117A6-4, 239
(B401A x 8324)

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

S

390

S

237

S

365

S

263

a

M-S
(sup)

351

| LD DATA | |
|---------|-------|
| ACRE | YIELD |

BU.

LBS

52.0 2340

31.6 1422

48.7 2190

35.1 1578

46.8 2106

| D A T E S | | | P L A N T
H T.
(I N.) |
|---------------|---------|----------------|-----------------------------|
| 1 S T | F U L L | F U L L | |
| H E A D I N G | | <u>R I P E</u> | |

186

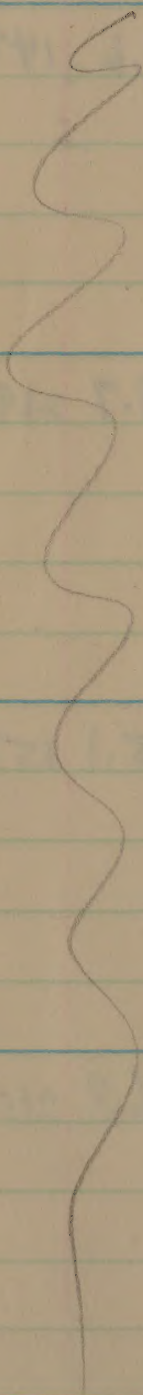
186

7/21 8/9 9/5 39

B4117A16-1,

243

(B401A x 8324)



Y 11

DISEASES

| H.O. | Cerco-
spora | White
Tip |
|------|-----------------|--------------|
|------|-----------------|--------------|

| GMS.
PER
ROW |
|--------------------|
|--------------------|

S

427

FIELD DATA
ACRE YIELD

BU.

LBS.

56.9 2562✓

| DISEASES | | | YI |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | | 0 | 445 |
| R | | 0 | 205 |
| | | 0 | 362 |
| | | 0 | 400 |
| | | 0 | 407 |

bad for leaf yellowing $\frac{7}{5}$

| ELD DATA | |
|----------|-------|
| ACRE | YIELD |
| BU. | LBS. |

| | |
|------|------|
| 59.3 | 2670 |
|------|------|

187
mudlow

| | |
|------|------|
| 27.3 | 1230 |
|------|------|

| | |
|------|------|
| 48.3 | 2172 |
|------|------|

| | |
|------|------|
| 53.3 | 2400 |
|------|------|

| | |
|------|------|
| 54.3 | 2442 |
|------|------|

192

192

stockdick,
Early Rexoro

(Incr.
Rows.)

any for earlier

8/19 Aug 8/29 9/20

193

B44-2661, 2661
Hill Long-grain

8/1 8/10 8/28

194

B322A4-6-3, 75
Rx F

8/13 8/22

195

B347B39-18-1, 2906
Rx N.

8/14 9/14

196

B347B40-9-1, 2907
Rx N

8/11 8/20 9/10

Cut ground

DISEASES
H.O. Cerco- White
spora Tid

Y I E
GMS.
PER
ROW

S 0 363

S 0 292

S 0 417

R 0 334

R 0 406

| LD DATA | |
|------------|------|
| ACRE YIELD | |
| BU. | LBS. |

| | |
|------|------|
| 48.4 | 2178 |
|------|------|

| | |
|------|------|
| 38.9 | 1752 |
|------|------|

| | |
|------|------|
| 55.6 | 2502 |
|------|------|

| | |
|------|------|
| 44.5 | 2004 |
|------|------|

| | |
|------|------|
| 54.1 | 2436 |
|------|------|

ATA 2 51
B347B42-10

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

197

197

8/14 8/25

cut ground

B347B42-10,

2916

R x N

198

8/10 8/22

B347B39-7,

73

R x N

199

8/1 8/14 9/7

B403/A1-23

27

TP x R-SBR

200

8/9 8/29

B403/A1-1-3,

2688

TP x R-SBR

201

8/20 8/30

B403/A1-8-3,

2698

TP x R-SBR

cut ground

| DISEASES | | | Y I E |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |

| | | | |
|---|---|--|-----|
| R | 0 | | 411 |
|---|---|--|-----|

| | | | |
|---|---|--|-----|
| R | 0 | | 375 |
|---|---|--|-----|

| | | | |
|-----|---|--|-----|
| M-R | 0 | | 284 |
|-----|---|--|-----|

| | | | |
|---|---|--|-----|
| R | W | | 374 |
|---|---|--|-----|

| | | | |
|-----|---|--|-----|
| M-R | 0 | | 300 |
|-----|---|--|-----|

Very much like 196
possibly taller, + better
grain type

Very tall like miro

stands very well when
over ripe, leaves die back
slowly, grain hooked

stands very well, short
stem, good grain
leaves die back very slowly

| FIELD DATA | |
|------------|--|
| ACRE YIELD | |

| BU. | LBS. |
|-----|------|
|-----|------|

| | |
|------|------|
| 54.8 | 2466 |
|------|------|

| | |
|------|------|
| 50.0 | 2250 |
|------|------|

| | |
|------|------|
| 37.9 | 1704 |
|------|------|

| | |
|------|------|
| 49.9 | 2244 |
|------|------|

| | |
|------|------|
| 40.0 | 1800 |
|------|------|

| DATES | | | PLANT
HT.
(IN.) |
|---------|------|------|-----------------------|
| HEADING | FULL | | |
| 1ST | FULL | RIPE | |

202

202

8/9

8/18

9/7

B4026A5-6-4, 2829

R-7689xR

203

8/8

8/17

9/6

B4026A5-31-2, 2836

R-7689xR

204

8/6 Sept

B4033A4-15, 70

TPxR-7689

205

8/4

8/15

9/3

B4033A4-30-1, 2853

TPxR-7689

206

8/5

8/17

9/4

B4033A4-43, 72

TPxR-7689

| DISEASES | | | Y I E |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | M-S | 0 | 277 |
| | P | 0 | 322 |
| | R | 0 | 257 |
| | m-S | 0 | 384 |
| | R | 0 | 336 |

Shorter stemmed than 203 or
205 leaves stay quite green
very good

Too tall

leaves stay very green
Types later than 205 present.

Heavier straw than others

| FIELD DATA | |
|------------|-------|
| ACRE | YIELD |

BU.

LBS.

36.9 1662✓

- 42.9 1932

34.3 1542

51.2 2304

44.8 2016

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

207
207
B3713A22-1-1,
S x R

2901

8/11 8/21 9/10

208
Shoemed
TS-19889
CI-3625

62

7/27 8/6 8/25

209
B346B42-5,
S x N

278

8/11 8/22

210
B346B40-6,
S x N

64

8/15 8/27

211
C2-20-26,
N x BR

50

7/21 8/9

| DISEASES | | | YIELD |
|----------|-----------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | R | 0 | 387 |
| | R | 0 | 236 |
| | M-S | 0 | 382 |
| | M-R | 0 | 375 |
| | M-S | 0 | 222 |

Very tall on 7/5)

| FIELD DATA | |
|------------|-----|
| ACRE YIELD | |
| BU. | lbs |

51.6 2322

31.5 1416

50.9 2292

50.0 2250

29.6 1332

| | DATES | | | PLANT
HT.
(IN.) |
|----------------------|----------|------|------|-----------------------|
| | HEADING | FULL | | |
| | 1ST FULL | RIPE | | |
| 212 | 8/3 | 8/10 | 9/3 | |
| B352A11-2-1-1-2, 332 | | | | |
| K x R | | | | |
| 213 | 8/22 | 9/8 | 9/28 | |
| B3412A2, 2991 | 8/22 | | | |
| CA x R | | | | |
| <i>cut ground</i> | | | | |
| 214 | 8/14 | 8/31 | | |
| B4044A3-1-1 2634 | | | | |
| R-SBR x BR | | | | |
| 215 | 8/3 | 8/10 | | |
| B4044A3-4-2, 2637 | | | | |
| R-SBR x BR | | | | |
| <i>cut ground</i> | | | | |
| 216 | 8/5 | 8/12 | 9/7 | |
| B4044A1-4-1, 2644 | | | | |
| R-SBR x BR41 | | | | |

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

M-R 0

Very stiff straw
short straw

R to 211

R 0 349

M-R 0 310

7

0 279

short much storking wide leaves $7/5$,

exceptionally bad for H.O.,
very short straw, smooth short
grain type, considerable storking
very slow drying back,
stands very well, rather tall,
grain too short.

considerably less than $7/5$ much
taller than 215 + 219

FIELD DATA

ACRE YIELD

BU.

LBS

28.1 1266

46.5 2094

41.3 1860

37.2 1674

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

217

217

8/2

8/11 9/7

B4045A1-42, 5131

R-S BR x BR41

218

8/12 8/18

B4016A8-1,

88

K47 x BR41

| DISEASES | | |
|----------|-----------------|--------------|
| H.O. | Cerco-
spora | White
Tip |
| | M-S. | 0 |
| | R | 0 |

| Y I E | |
|-------|--|
| GMS. | |
| PER | |
| ROW | |
| 285 | |
| 327 | |

consid. leaf browning 7/5

some leaf browning 7/5

LD DATA
ACRE YIELD

BU.

LBS.

38.0 1710

43.6 1962

| DATES | | PLANT
HT.
(IN.) |
|----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

219

219

8/25

B3810A9-S-S,

2382

S-EPx CA-Cly

cut ground

220

8/10

8/17

CI-6796

100

cut ground

221

8/11

8/17

GuncKi

111

CI-6899

cut ground

222

8/11

8/18

B344B39-6,

149

CAxK

cut ground

223

8/20 8/29

B3715A23-3,

2629

(B3512AxSBR)

DISEASES

H.O. Cerco- White
spora Tip

Y. 1. 1. 1.

GMS.
PER
ROW

Still standing very
near after storm

0 R 0 634

0 R to 439

0 R 0 445

0 1 R 0 420

0 R 0 405

very tall on 7/5, some leafhopper
at least as tall as smoothbell
but very heavy sturdy straw

much taller than grisea;
it taller than 222.

Very good

very tall, good straw (green)
narrow leaves, short heads

FIELD DATAGRE YIELD

BU.

LBS.

84.5 3804

58.5 2634

219

59.3 2670

56.0 2520

54.0 2430

| D A T E S | | P L A N T
H T.
(I N .) |
|---------------|---------|------------------------------|
| H E A D I N G | F U L L | |
| 1 S T F U L L | R I P E | |

224 224

B4019A1-3-3,
SPxXxBR

2592

7/20 by

225

Kamrose-47
TS- 33107
CI- 8315

309

8/12 8/18

226

B3512A38-5-3,
SP-SJxSBR

152

8/15 8/23

227

B401A3-25,
BR41x8323

326

8/20 8/27

228

B401A70,
BR-4/x 8323

112

8/19 8/28

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

1. R o 414

1. R o 377

2. R o 547

1 S o 593

4 S o —

Ripens very fast, fair growth
grain type.

leaning badly on $10/4$
leaves very green too tall
very uniform & very prod.

still standing OK on $10/4$ while
228 + 229 are down.

| LD DATA | |
|------------|------|
| ACRE YIELD | |
| BU. | LBS. |

| | |
|------|------|
| 55.2 | 2484 |
|------|------|

| | |
|------|------|
| 50.3 | 2262 |
|------|------|

| | |
|------|------|
| 72.9 | 3282 |
|------|------|

| | |
|------|------|
| 79.1 | 3558 |
|------|------|

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

229

229

8/20 8/28

B401A3-18,

124

BR41x8323

230

8/17 8/26

B4117A39-1,

316

(B401A x 8324)

231

8/17 8/25

B4117A6-5,

320

(B401A x 8324)

232

8/22 8/28

B4117A1-11,

327

(B401A x 8324)

233

8/22 8/31

B376A2-7-2-1,

328

TBR-FxS

| DISEASES | | | YIELD |
|----------|----------------------------|--------------|--------------------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| 4 | S | 2 | 524 |
| 0 | S ⁰
15 plant | | 568 |
| 2 | S | 0 | 475 |
| 0 | S | 1 | 520 |
| 1 | R-M | 1/2 | 447 |

V. tall, light green color

A very sturdy straw, more
fact. lighter & heavier than
234-

FIELD DATAACRE YIELD

BU.

LBS

69.9 3144

75.7 3408

63.3 2850

69.3 3120

59.6 2682

| D A T E S | | P L A N T
H T.
(IN.) |
|---------------------|--------------|----------------------------|
| HEADING
1ST FULL | FULL
RIPE | |

234

234

8/22 8/29

C2-21-27-6,

300

S x BR

cut ground

235

8/20 9/6

B406, FxRed

118

236

8/17 8/25

BlueRose Sel.

151

(E. Pearl)

237

8/19 8/27

B37/2A1-7-3-2,

130

K-H x BR

CI-8326-2

cut ground

238

8/16 8/25

B37/2A1-15-2-1-2,

129

K-H x BR.

DISEASES
H.O. Cerco- White
spora Tip

Y I E
 GMS.
 PER
 ROW

0

R ~

446

0

R ~

381

~

S ~

451

1

R ~

470

~

Seg ~
 R-S

440

upens very fast, quite long
prob. has slendly of S-N lines
Excellent stream mud lot.

Very green stream, later than
BK, light grain yield

die back fast

quite tall, but very good
excellent stream

Rather tall die back rather fast

| LD DATA | |
|-----------|-----|
| CRE YIELD | |
| BU. | LBS |

59.5 2676

50.8 2286

60.1 2706

62.7 2820

58.7 2640

| DATES | | | PLANT
HT.
(IN.) |
|---------|----------|------|-----------------------|
| HEADING | FULL | RIPE | |
| | 1ST FULL | | |

239

239

8/19 8/26

B37/2A1-15-1-1-1, 2511

K-H x BR

240

8/20 8/29

B37/2A1-15-1-2-1, 299

241

8/19 8/28

B37/2A1-19, 302

K-H x BR

242

8/23 8/30

B37/10A1-3, 2502

K-H x BR

243

8/17 8/25

B37/10A1-10, 296

K-H x BR

Flaming after storm
 but very good condition
 stage of over

DISEASES

| H.O. | Cerco-
spora | White
Tip |
|------|-----------------|--------------|
|------|-----------------|--------------|

| YIELD | |
|--------------------|--|
| GMS.
PER
ROW | |

| | | |
|---|-----|-----|
| 1 | R 0 | 569 |
|---|-----|-----|

| | | |
|---|---------------|-----|
| 0 | Seg Tr
R-S | 546 |
|---|---------------|-----|

| | | |
|---|------|-----|
| 1 | R Tr | 480 |
|---|------|-----|

rows are still
 very green on Sept 11
 excellent condition

| | | |
|--|-----|-----|
| | R 1 | 533 |
|--|-----|-----|

| | | |
|---|------------|-----|
| 0 | Seg
R-S | 335 |
|---|------------|-----|

one of heaviest for grain yield
very heavy sturdy straw
fast ripening grain
No. Co, green straw
Very Uniform

Taller than 239, only fair

very tall, prob. not as prod.
as 242, but very good.
No Co.

Very big clean straw, No Co,
very productive for grain yield
has straw of original A1-3 line
but smaller grain
Very large Ho spots
Short straw, narrow leaves
good

LD DATA

CRE YIELD

BU.

LBS.

75.9 3414

72.8 3276

64.0 2880

71.1 3198

44.7 2010

244

244

8/20 8/28

B62-43,

292

X-N. rogue

245

8/25 9/3

B403, Bruin.

305

Sel.

246

8/20 8/30

B43-2792,

306

BR Sel.

247

8/22 8/31

B43-2789,

Bruin. Sel.

307

248

8/23 8/30

B41-2693-1,

308

Bruin. Sel.

DISEASES H.O. Cerco- White spora Tip

Y I E

GMS.
PER
ROW

0 R 1 413

2 M-R 0 422

0 R 1 407

1 R 0 450

1 R 0 387

quite short straw
very green vegetation, 25 Co.
Very good Bk type

Heaviest straw, tall,
shortest, fullest grain

narrowest leaves

Shorter strawed than others,
sl. larger grain, prob not as
productive

LD DATA
GRE YIELD

BU.

LBS.

55.1 2478

56.3 2532

54.3 2442

60.0 2700

51.6 2322

| DATES | | PLANT
HT.
(IN.) |
|----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

249

249

8/20 8/29

B3715A/2-1-1

290

cut ground (B3512A x SBR)

250

8/21 8/29

B24A39-47-1,

303

BRx5309

cut ground

251

8/17 8/27

B412A5-17,

2474

8323 x K-7143

252

8/17 8/27

B412A5-9,

2466

8323 x K-7143

253

7/25 8/25

B412A5-2,

2458

8323 x K-7143

DISEASES
H.O. **Cerco-** **White**
 spora **Tip**

Y I E
GMS.
PER
ROW

V/ R. tr 390

0 M tr 445

0 0 398

0 tr 437

0 S 0 371

A very good BK type,
very green vegetation grain
up to fairly fast. No. 60,
Some rep for grain type

leaves stay very green
small amount of Co.
flavored, standing
very well.

Tall, very good appearance, $\frac{7}{5}$

Tall, very good appearance, $\frac{7}{5}$.
all ^{semi} compact head, slight bending over
type than 254, ^{fine stream}

Tall, very good appearance $\frac{7}{5}$
Some heads intermediate for
compact head.

LD DATA--
CRE YIELD

BU.

LBS.

52.0 2340

59.3 2670

53.1 2388

58.3 2622

49.5 2226

| DATES | | PLANT
HT.
(IN.) |
|----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

254

254

7/25 8/26

B412A5-7,

2464

8323xK-7143

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

0

S

0

323

✓ Tall, good appearance $\frac{7}{5}$
all compact head ^{are erect} but segs
maturity coarse stram type

| LD DATA | |
|-----------|------|
| CRE YIELD | |
| BU. | LBS. |
| 43.1 | 1938 |

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

255

255

8/24

9/5

9/27

C4-II-4-1-11,

255

R x SBR-R

cut guard

256

8/30

9/7

9/30

B4045A3,

367

R-SBR x BR41

257

9/27

9/6

9/30

B323A2-14,

370

R x SBR

cut guard

258

9/28

9/7

9/28

B2713A3-2,

3037

S x R

cut guard

259

9/3

10/5

B2712A3-3,

3038

S x R

Handwritten scribble

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

422

R

0

leg
M-S

375

0

M-R

450

0

mostly
R
few M

430

1

R

330

very good TP type, straw hulls
no co, leaves stay very green

Almost identical with Jordan
golden glow, tall smooth med-gr.

Very uniform lot, very short straw
very good med-gr type.
rough hulls

definitely earlier than 259
similar lot; very uniform
excellent grain

Very bad for leaf yellowing 7/5 - one of
wast)
Very short straw, looks quite
good,

LD DATA
CRE YIELD

BU.

LBS

56.3 2532

50.0 2250

255
late

60.0 2700

57.3 2580

44.0 1980

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

260

260

8/22 9/8

B3713A14,

3046

S x R

261

- 9/10 9/30

B352A1-89-3-4, 3068

K x R

262

8/31 9/8 10/4

B352A1-21-1-1-1, 204

K x R

263

8/17 8/27 9/20

B352A11-2-3-2-1-1, 331

K x R

cut
if green

264

8/24 9/7 9/28

B352A1-27-1-1-2-1, 366

K x R

DISEASES

H.O.

Cerco-
spora

White
Tip

Y I E

GMS.
PER
ROW

1 R 409

0 R 297

0 R 320

0 M-S 261

0 R 340

considerable sterility, leafy
hung looking except for sterility
leaves die but quite fast.

a very good slender med-gr
type, no co. very clean
straw, Hard thrashing

easily threshed med-gr, straw
rough hulls

wide leaves, consid leaf yellowing
a good TP type

FIELD DATA

CRE YIELD

BU.

LBS.

54.5 2454

39.6 1782

42.7 1920

34.8 1566

45.3 2040

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|------|-----------------------|
| HEADING | FULL | RIPE | |
| 1ST FULL | | | |

265 265 7/15 7/24 8/14

B348B43-1, 3081
CA x N

cut grain 266

B3412B41-1,
CA x R

3096

9/1 9/9 9/30
similar to 285^{very} (short TP)
but longer & better shaped grain

267

8/12 8/21 9/20

B3412B42-1 5067
CA x R

cut grain

268

TS-19956
C.I. 5548

194

8/22 8/27 9/26

269

B403/A1-7-1,
TP x R-SBR

2961

8/1 8/6 9/26
very

DISEASES H.O. Cerco- White spora Tip

Y I
GMS.
PER
ROW

standing very
well after storm
stem very
green

0

R

333

no Cercospora

0

R

348

0

R

309

1

R-M

342

upright,

Rather tall, less leaves than TP or
neglect green color $\frac{7}{8}$
stream hulls

A very good TP type, narrow
leaves, very green vegetation, pract. no
leaf drying. rather tall, easily threshed
compact oat-grass type,
fairly easy to thresh, smooth
gold hulls.

Contains a variety mixture
leaves stay quite green, taller
than #270, leaves stay greener.

ELD DATA
CRE YIELD

BU.

LBS

44.4 1998

46.4 2088

41.2 1854

45.6 2052

| DATES | | PLANT
(IN) |
|----------|------|---------------|
| HEADING | FULL | |
| 1ST FULL | RIPE | |

270

270

B4033A4-38-1,

2864

8/25 9/8 9/25

TPx R-7689

271

B4032A3-32,

340

8/22 9/6 9/23

TPx R-D

272

9/6 8/19 9/6

B4032A3-33-1,

2884

TPx R-D

273

8/23 9/7 9/24

B4030A3-28,

342

P-7689x TP

274

8/24 9/9 9/25

B4030A3-29

343

R-7689x TP

| | DISEASES | | | Y I E |
|---|----------|-----------------|--------------|--------------------|
| | H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| 0 | | R
fur M. | | 351
2 |
| 0 | | M | | 325 |
| 0 | | ? | | 201 |
| 3 | | R-S | | 380 |
| ✓ | | M | | 360 |

Short straw, resistant to Co.
leaves stay quite green, a good
grain type, upright flag leaf

leaves stay quite green
very looking row.

a good midseason type

Rather tall, like T.P. leaves
stay fairly green,

does look quite fast but no Co.
short straw

| FIELD DATA | |
|------------|-----|
| ACRE YIELD | |
| BU. | LB. |

46.8 2106

43.3 1950

26.8 1206

50.7 2280

48.0 2160

| DATES | | | PLANT
HT.
(IN.) |
|---------|----------|------|-----------------------|
| HEADING | FULL | | |
| | 1ST FULL | RIPE | |

| | | | | | |
|-----|-----|------|-----|------|--|
| 275 | 275 | 8/27 | 9/9 | 9/30 | |
|-----|-----|------|-----|------|--|

B33/3A1-20

364

Rx 7689

276

8/28 9/9 9/30

B33/3A1-20

365

Rx 7689

277

9/5

Rexoro

359

TS-19941

CI-1779

278

8/24 9/6 9/24

B4035A2-4,

347

TP x R

~~cut ground~~

279

8/25 9/5 9/25

B4035A2-5,

348

TP x R

~~cut ground~~

DISEASES

H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

0

R

419

0

R

415

0

S

369

Slipper down.
than T.P.

0

B

356

2

S

358

This strain has very good
straw that will stand out. in the
over ripe stage, No lodging
lev or in Adv. Mura in storm of
cut 8. As good as Parnos.

appears stiffer staved than TP

stiffer staved than T.P.,
has less drying

FIELD DATACRE YIELD

BU.

LBS.

55.9 2514

55.3 2490

49.2 2214

47.5 2136

47.7 2148

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|------|-----------------------|
| HEADING | | FULL | |
| 1ST | FULL | RIPE | |

280
ant guard

280

8/29 9/7 9/29

B4035A2-13,

352

TP x R

281

8/25 9/5 9/25

B4035A2-24,

354

TP x R

282

8/24 9/4 9/24

Texas Patna

164

Sel-B

CI-8321-2

283

8/30 9/10 9/30

Texas Patna

171

Sel-C

CI-8321-3

284

8/23 9/3 9/23

43-2848

336

TP Sel

DISEASES
H.O. Cerco- White
spora Tip

GMS.
PER
ROW

supererant
that 1/10

| | | |
|---|---|-----|
| 0 | S | 375 |
| 3 | S | 352 |
| 2 | S | 357 |
| 3 | S | 318 |
| 2 | S | 349 |

Leaves stay much greener than TP
stiffer stromed, more upright
frog leaf.

Typical TP

Typical T.P.

ID DATA
CRE YIELD

BU.

LBS.

50.0 2250

46.9 2112

47.6 2142

42.4 1908

46.5 2094

| D A T E S | | | P L A N T
H T.
(IN.) |
|-----------|------|--|----------------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

285 285

8/21 9/3 9/23

843-280,

2981

Straw TP

286 286

Unknown.

260

8/24 9/9 9/24

TP type

green - V. nunch
like 266
car 27

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

0 R 320

3 S 361

looks about like T.P. except
straw hulls, no. Co and leaves
stay greener, gr. sl shorter.
Possibly earlier than T.P.

LD DATA
CRE YIELD

BU. LBS.

42.7 1920

48.1 2166

121

Total yield 3 series $\times 28.67 =$ Plots $\frac{1}{86}$ Acre = 84.4 ft longall yield data have
been checked, ready to be
typed

| | | | DATES | | | PLANT
HT.
(IN.) |
|----------------|---|----|----------|------|------|-----------------------|
| | | | HEADING | FULL | | |
| | | | 1ST FULL | RIPE | | |
| | | 1 | 8/14 | 8/27 | 9/14 | 50 |
| Early Prolific | | 49 | 8/13 | 8/27 | 9/16 | 48 |
| TS-19801 | 1 | 54 | 8/14 | 8/29 | 9/17 | |
| CI-5883 | | | | | | |

| | | | | | | |
|---------|---|----|------|------|------|----|
| | | 2 | 8/14 | 8/24 | 9/17 | 46 |
| Zenith | 3 | 47 | 8/14 | 8/25 | 9/14 | 46 |
| CI-7787 | | 55 | 8/15 | 8/29 | 9/18 | |

| | | | | | | |
|---------|----|----|------|------|------|----|
| | | 3 | 8/20 | 8/28 | 9/25 | 49 |
| Prelude | 16 | 50 | 8/20 | 8/30 | 9/25 | 51 |
| 8311 | | 58 | 8/19 | 8/30 | 9/26 | |

| | | | | | | |
|---------------|--|----|------|------|------|----|
| | | 4 | 8/21 | 8/29 | 9/20 | 50 |
| B41-3299-1323 | | 52 | 8/20 | 8/30 | 9/20 | 50 |
| | | 59 | 8/20 | 8/31 | 9/20 | |

Poor stand in 2nd. reduced 15%
at least.

| | | | | | | |
|-------------------|-----|----|------|------|------|----|
| | | 5 | 8/15 | 8/27 | 9/15 | 42 |
| Hill Medium Grain | 46 | 51 | 8/17 | 8/27 | 9/16 | 41 |
| | 556 | 53 | 8/16 | 8/29 | 9/17 | |

Upon stand in 3rd

ho per A divided by 45
and 6 ft wide

| | DISEASES | Y I E | |
|---------|----------|--------------------|--------------|
| | | GMS.
PER
ROW | |
| Lodging | H.O. | Cerco-
spora | White
Tip |
| 3 | S | 1 | 36.5 |
| | | T | 35.0 |
| | | T | 28.5 |
| | | | <u>100.0</u> |
| 0 | M | 0 | 36.8 |
| | | 0 | 36.0 |
| | | 0 | 32.0 |
| | | | <u>104.8</u> |
| 0 | M | 1 | 25.8 |
| | | 0 | 28.3 |
| | | T | 26.0 |
| | | | <u>80.1</u> |
| 0 | R | 2 | 25.0 |
| | | 2 | 29.5 |
| | | 2 | 27.7 |
| | | | <u>82.2</u> |
| 0 | R | 1 | 27.0 |
| | | 1 | 23.5 |
| | | 1 | 19.0 |
| | | | <u>69.5</u> |

considerably taller than Junco
showed considerable lodging when
cut on 9/27, also very brown

leaves mostly green when
cut on 9/27. Standing perfectly
some Co, but not killing leaves

leaves still very green when
cut on 9/27, quite tall, very
~~some~~ ~~tangling~~ (~~standing~~
~~very~~) good stand. Hay stand

leaves very green on 9/27, greener
than Junco, Highly susceptible
to straight head in 1st & 3rd
series. Excellent in other
respects.

Short stubby growth on 7/3

LD DATA
CRE YIELD

BU.

LBS.

Other:

2867 63.7 17.7

3005 66.8 18.5

held p
early

2296 51.0

14.2

2357 52.4

14.5

1993 44.5

12.3

| | | | DATES | | | PLAN
HT.
(IN.) | |
|----------|---------|----|---------|------|------|----------------------|----|
| | | | HEADING | FULL | | | |
| | | | 1ST | FULL | RIPE | | |
| | | | 6 | 8/19 | 8/28 | 9/15 | 46 |
| Magnolia | | 51 | 8/15 | 8/29 | 9/15 | 45 | |
| 8218 | Crowley | 57 | 8/19 | 8/30 | 9/17 | | |

Substitute
c250

| | | | | | |
|----------|----|------|------|------|----|
| B4/1A3-7 | 7 | 8/11 | 8/23 | 9/14 | 43 |
| 8323 x Z | 48 | 8/12 | 8/23 | 9/15 | 44 |
| | 56 | 8/12 | 8/26 | 9/16 | |

43

Use seed of #36 in 1945

| | | | | | |
|---------|----|----|------|------|------|
| | | 8 | 9/1 | 9/9 | 52 |
| Fortuna | | 42 | 8/31 | 9/9 | 54 |
| TS-9821 | 57 | 62 | 9/3 | 9/10 | |
| CF1344 | | | | | 10/✓ |

| | | | | | | |
|------------|----|----|------|-----|------|----|
| | | 9 | 8/29 | 9/7 | 9/28 | 44 |
| Bluebonnet | | 43 | 8/27 | 9/7 | 9/28 | 50 |
| TS-33104 | 60 | 61 | 8/29 | 9/7 | 9/29 | |
| CI-8322 | | | | | | |

DISEASES

| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
|------|-----------------|--------------|--------------------|
|------|-----------------|--------------|--------------------|

Y I

| | | | |
|---|---|----|-------------|
| 0 | R | 1 | 35.5 |
| | | 0 | 31.8 |
| | | 01 | <u>28.3</u> |
| | | | 95.6 |

| | | | |
|----|---|---|-------------|
| al | S | 1 | 36.8 |
| | | 0 | 36.0 |
| | | T | <u>29.5</u> |
| | | | 102.3 |

| | | | |
|---|-----|---|-------------|
| ✓ | M-R | 0 | 31.5 |
| ✓ | M-R | 0 | 34.5 |
| | | 0 | <u>30.8</u> |
| | | | 96.8 |

| | | | |
|---|---|---|-------------|
| N | S | 0 | 27.3 |
| 3 | S | 0 | 28.0 |
| | | 0 | <u>25.5</u> |
| | | | 80.8 |

A few C.O. spots on 9/27
leaves very green, as green
as B.R. sel. looks very
good, prob. no taller than Zett
possibly not as big for grain
as segregating for maturity, a
few taller late segregates!

Very sure, to CO, leaves turned
very brown, & some lodging
looked very big & good, about str.

H. taller than B 4033 H sel, wider leaves

Rather short on 7/3

ELD DATA
ACRE YIELD

BU.

LBS.

Bld

2741 60.9 16.9

2933 65.2 18.1

2775 61.7

2317 51.5

| | | | | DATES | | PLANT
HT.
(IN.) |
|-------------|----|----|------|----------|-------|-----------------------|
| | | | | HEADING | FULL | |
| | | | | 1ST FULL | RIPE | |
| Nira | 55 | 10 | 9/7 | 9/14 | | 57 |
| | | 45 | 9/6 | 9/15 | | 59 |
| | | 63 | 9/8 | 9/16 | | |
| TS-19936 | | | | | | |
| CI-2702 | | | | | 10/10 | |
| B347B40-9 | 58 | 11 | 9/6 | 9/15 | | 46 |
| | | 41 | 9/4 | 9/15 | | 50 |
| | | 60 | 9/8 | 9/17 | 10/10 | |
| R x N | | | | | | |
| B4033A4-43 | 72 | 12 | 8/26 | 9/7 | 9/27 | 46 |
| | | 44 | 8/26 | 9/7 | 9/28 | 50 |
| | | 64 | 8/29 | 9/7 | 9/29 | |
| TPx(R-7689) | | | | | | |
| P43-2089 | 90 | 12 | 8/21 | 9/30 | 9/23 | 46 |
| | | 35 | 8/21 | 8/28 | 9/23 | 46 |
| | | 70 | 8/24 | 8/30 | 9/24 | |
| Sm. BR | | | | | | |

lodging

| DISEASES | | | | YIELD |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 3 | R | 0 | 25.0 | |
| 2 | R | 0 | 33.3 | |
| | | 0 | 28.0 | |
| | | | 86.3 | |
| 0 | R | 0 | 28.0 | |
| 0 | R | 0 | 30.3 | |
| | | 0 | 27.5 | |
| | | | 85.8 | |
| 4 | S | 0 | 32.3 | |
| 4 | S | 0 | 36.0 | |
| | | 0 | 26.0 | |
| | | | 94.3 | |
| 0 | | 1 | 18.5 | |
| 0 | M-R | 1 | 22.0 | |
| 0 | | 1 | 18.5 | |
| | | | 59.0 | |

almost as tall as nra on $\frac{7}{8}$, quite similar
in appearance. On $\frac{8}{14}$ is a darker green
than Fortune, on many dead leaves at base as
Fortune on $\frac{8}{14}$.

slightly shorter than nra on $\frac{7}{8}$ but
taller than Bluchonet. Has light
green color of T.P.

almost as tall as Bt on $\frac{7}{8}$.

LD DATA
ORE YIELD

BU.

LBS.

Blb.

2474 55.0 15.3

2460 54.7 15.2

2704 60.1 16.7

1692 37.6 10.4

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|--------------|-----|--|-----------|------|------|-----------------------|
| | | | HEADING | FULL | | |
| | | | 1ST FULL | RIPE | | |
| | | | 14 8/21 | 9/28 | 9/23 | 49 |
| Kamrose-34 | | | 38 8/21 | 8/27 | 9/23 | 49 |
| CI-8314 | 101 | | 72 8/20 | 8/28 | 9/24 | |
| | | | 15 8/22 | 8/28 | 9/22 | 48 |
| Arkrose | | | 36 8/22 | 8/26 | 9/22 | 48 |
| CI-8310 | 99 | | 65 8/21 | 8/26 | 9/22 | |
| | | | 16 8/29 | 9/6 | 9/29 | 47 |
| Blue Rose | | | 40 8/29 | 9/7 | 9/29 | 47 |
| TS-7183 | 103 | | 71 8/29 | 9/8 | 9/29 | |
| CI-1962 | | | | | | |
| | | | 17 8/29 | 9/6 | 9/29 | 46 |
| Blue Rose-41 | | | 33 8/28 | 9/6 | 9/29 | 48 |
| TS-33108 | 104 | | 66 8/29 | 9/7 | 9/29 | |
| CI-8317 | | | | | | |
| | | | 18 8/31 | 9/9 | 10/2 | 56 |
| | | | 39 8/21 | 9/9 | | 56 |
| Bruin. Sel | 144 | | 69 8/31 | 9/9 | | |

| | DISEASES | | | Y I E |
|---|----------|-----------------|--------------|--------------------|
| | H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| 1 | | | T | 25.8 |
| 2 | | R | T | 27.5 |
| 2 | | | T | 23.5 |
| | | | | <u>76.8</u> |
| 1 | | | 2 | 33.0 |
| 2 | | S | 2 | 33.0 |
| 1 | | | 2 | 27.8 |
| | | | | <u>93.8</u> |
| 1 | | | 2 | 35.0 |
| 3 | | S | 1 | 41.0 |
| 2 | | | 2 | 31.8 |
| | | | | <u>107.8</u> |
| 1 | | | T | 32.0 |
| 1 | | S | T | 37.0 |
| 1 | | | T | 32.5 |
| | | | | <u>101.5</u> |
| 2 | | | 1 | 32.5 |
| 2 | | R | T | 38.0 |
| 2 | | | 1 | 34.5 |
| | | | | <u>105.0</u> |

Some damage to young buds from
rain & wind (as turning brown)

much taller than others or $\frac{1}{2}$
lighter color, wider leaves

LD DATA
CRE YIELD

BU.

LBS.

Bike

2202 48.9 13.6

2689 59.8 16.6

3091 68.7 19.1

2910 64.7

18.0

3010 66.9

18.6

| | | D A T E S | | PLANT
HT.
(IN.) |
|---|----|-----------|------|-----------------------|
| | | HEADING | FULL | |
| | | 1ST FULL | RIPE | |
| + B3712A1-7-
K-H x BR 106
CI-8326-1 | 19 | 8/27 | 9/6 | 44 |
| | 37 | 8/26 | 9/5 | 46 |
| | 67 | 8/26 | 9/6 | 7/25 |

| | | | | | |
|-------------------------------------|----|------|------|------|----|
| Caloro
TS-19799 105
CI-1561-1 | 20 | 8/16 | 8/24 | 9/15 | 26 |
| | 34 | 8/14 | 8/24 | 9/14 | 39 |
| | 68 | 8/15 | 8/24 | 9/15 | |

| | | | | | |
|-------------------------------|----|------|--|-------|----|
| Rexoro
TS-1994 174
1779 | 21 | 9/24 | | | 50 |
| | 28 | 9/24 | | | 52 |
| | 77 | 9/27 | | 10/28 | |

| | | | | | |
|-----------------------------|----|------|------|-------|----|
| B3313A1-20-4
Rx 7689 169 | 22 | 9/19 | 9/29 | 10/20 | 51 |
| | 31 | 9/20 | 9/29 | 10/20 | 55 |
| | 74 | 9/22 | 10/1 | 10/20 | |

| | DISEASES | H.O. | Cercospora | White Tip | Y I E |
|---|----------|------|------------|-----------|--------------|
| | | | | | GMS. PER ROW |
| 0 | | | | 3 | 25.5 |
| 0 | | | R | 2 | 29.0 |
| 0 | | | | 1 | 27.0 |
| | | | | | <u>81.5</u> |
| 0 | | | | 3 | 17.3 |
| | | | S | 1 | 26.5 |
| | | | | 2 | 18.0 |
| | | | | | <u>61.8</u> |
| | | | S | 0 | 25.0 |
| | | | | 0 | 25.0 |
| | | | | 0 | 21.5 |
| | | | | | <u>71.5</u> |
| | | | R | 0 | 27.5 |
| | | | | 0 | 27.0 |
| | | | | 0 | 20.5 |
| | | | | | <u>75.0</u> |

almost as tall as TP on $\frac{1}{3}$, narrower
leaves, excellent growth, more upright

LD DATA
CRE YIELD

BU.

LBS.

Bht

2337 51.9 14.4

1772 39.4 10.9

2050 45.6

12.7

2150 47.8

13.3

| | | D A T E S | | | PLANT
HT.
(IN.) |
|-------------------------|----|-----------|------|-------|-----------------------|
| | | HEADING | FULL | | |
| | | 1ST FULL | RIPE | | |
| C3-72-3,
Rx Pr. leaf | 23 | 9/15 | 9/24 | 10/15 | 47 |
| | 30 | 9/15 | 9/22 | 10/16 | 46 |
| | 78 | 9/14 | 9/24 | 10/17 | |

202

| | | | | | |
|-----------------------|-----|------|------|-------|-------|
| Texas Patna
Sel. A | 24 | 9/17 | 9/24 | 10/16 | 49 |
| | 32 | 9/16 | 9/24 | 10/16 | 50 |
| | 168 | 75 | 9/18 | 9/26 | 10/17 |

CI 8321-1

| | | | | | |
|--------------------------------|-----|------|------|-------|----|
| Deltrex
(dented)
CI-8320 | 25 | 9/20 | | 10/24 | 55 |
| | 27 | 9/20 | | 10/26 | 61 |
| | 172 | 76 | 9/24 | 10/27 | |

| | | | | | |
|--------------------|-----|------|------|-------|-------|
| B321840-3,
Rx D | 26 | 9/17 | 9/22 | 10/16 | 48 |
| | 29 | 9/16 | 9/23 | 10/15 | 46 |
| | 163 | 73 | 9/18 | 9/25 | 10/17 |

(dented)

TPx R-7689 grand looks very good
about as early as TP, shorter straw, leaves
stay much greener, practically no C.O.
on 10/24 when TP & Rex are very
badly infected.

DISEASES
H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

| | | |
|---|---|------|
| S | 0 | 21.0 |
| | 0 | 31.8 |
| | 0 | 21.5 |
| | | 84.3 |

| | | |
|---|---|------|
| S | 0 | 27.8 |
| | 0 | 32.0 |
| | 0 | 24.3 |
| | | 84.1 |

| | | |
|-----|---|------|
| M-S | 0 | 16.0 |
| | 0 | 16.8 |
| | 0 | 23.8 |
| | | 56.6 |

| | | |
|-----|---|------|
| M-R | 0 | 26.5 |
| | 0 | 32.5 |
| | 0 | 24.5 |
| | | 83.5 |

Darker green color than others on $\frac{7}{3}$
Very poor stand in 3rd in some
places prob 15 or 10% reduction.

Taller than others on $\frac{7}{3}$

As tall as T.P. on $\frac{7}{3}$

FIELD DATA

ACRE YIELD

BU.

LBS.

2417 53.7 14.9

2411 53.6 14.9

1623 36.1 10.0

2394 53.2

14.8

lb

Early Composite

53.0

Late Composite

49.5
27.0

B 4033A

guard

40.8
28.0

Dishman Smithell PS black 1½ ex.

Seed Converted Rice Mill

136 ~~Several glutinous varieties~~

250 flavoured sel - from BK 15309

Best SXR Selection

80 KxH CI 8325

123 E-F x 7143

large seeded -

✓ 140 CI-5309

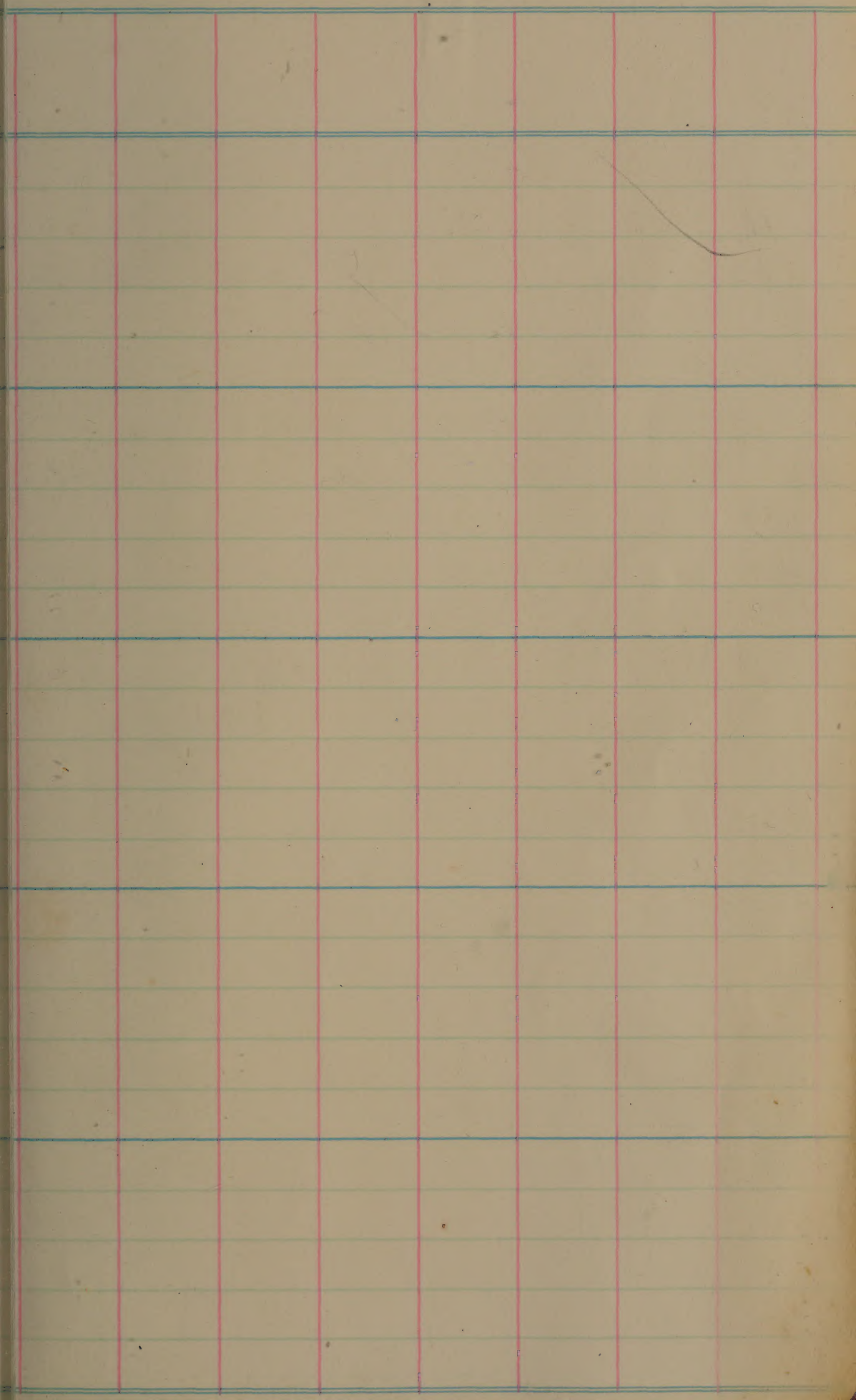
glutinous, flavoured

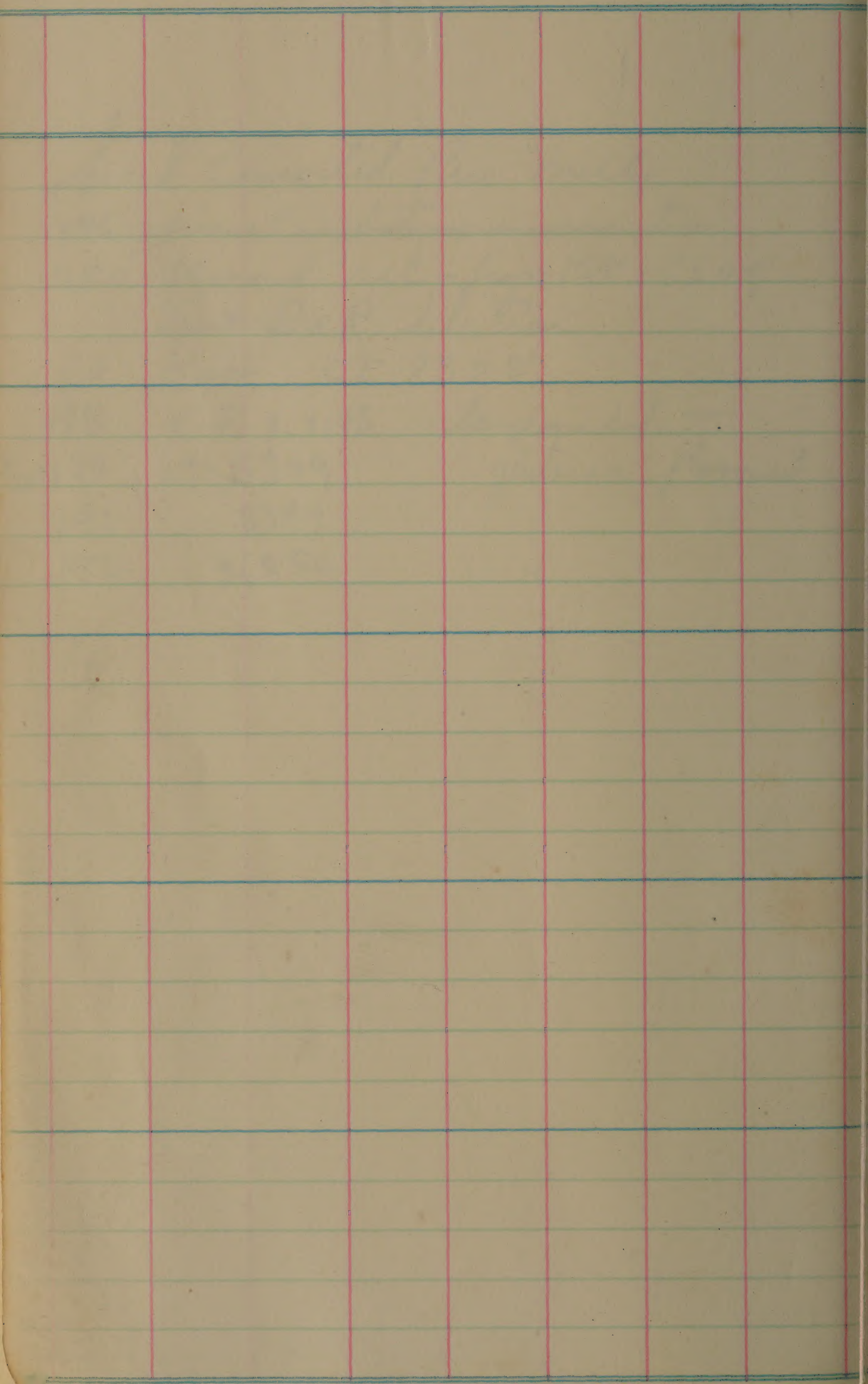
141 5399

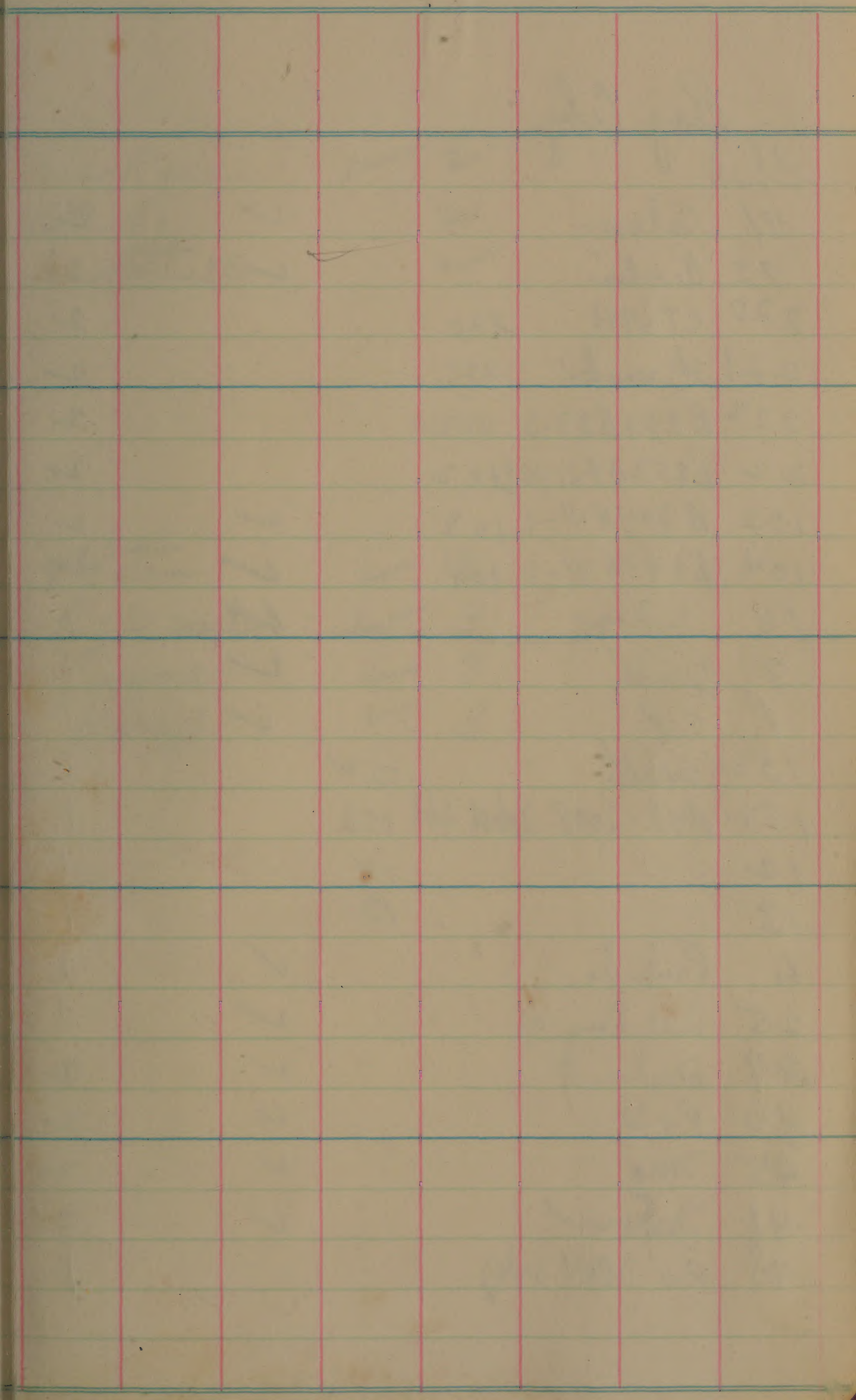
"

142 3625a

"







Bay City

Short

| | | | | |
|-----|--------------------|-----|---|---|
| 71 | Caloro | | ✓ | 2 |
| 72 | Acadia | | ✓ | 2 |
| 220 | CI 6796 | 220 | | 2 |
| 221 | Huneki | 221 | | 2 |
| 222 | B344B39-6 | 222 | | 2 |
| 102 | B352A1-21-1-24 | 102 | | 2 |
| 103 | B344B41-2 | 103 | ✓ | 2 |
| 104 | B344B41-6 | 104 | ✓ | 2 |
| 16 | codex | | ✓ | 1 |
| 3 | Smith | | ✓ | 1 |
| 1 | E.P. | | ✓ | 1 |
| 152 | Edith | 152 | | 1 |
| 152 | B42-2098 Edith Sel | 153 | | 1 |
| 12 | " | 12 | | 1 |
| 13 | | 13 | | 1 |
| 6 | Prelude. | | ✓ | 1 |
| 25 | Hill Long gr | | ✓ | 1 |
| 39 | Bluebonnet | | ✓ | 2 |
| 46 | Rx N | | ✓ | 2 |
| 45 | Mia | | ✓ | 2 |
| 41 | Intima | | ✓ | 2 |
| 48 | R+ SBR (ark) | | | 1 |

Blue Rose

✓ 2

BR-41

✓ 2

Smoothshell

✓ 2

T. Patma

✓ 3

R x D scented

✓ 3

Rexoro

✓ 3

Delux

✓ 3

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

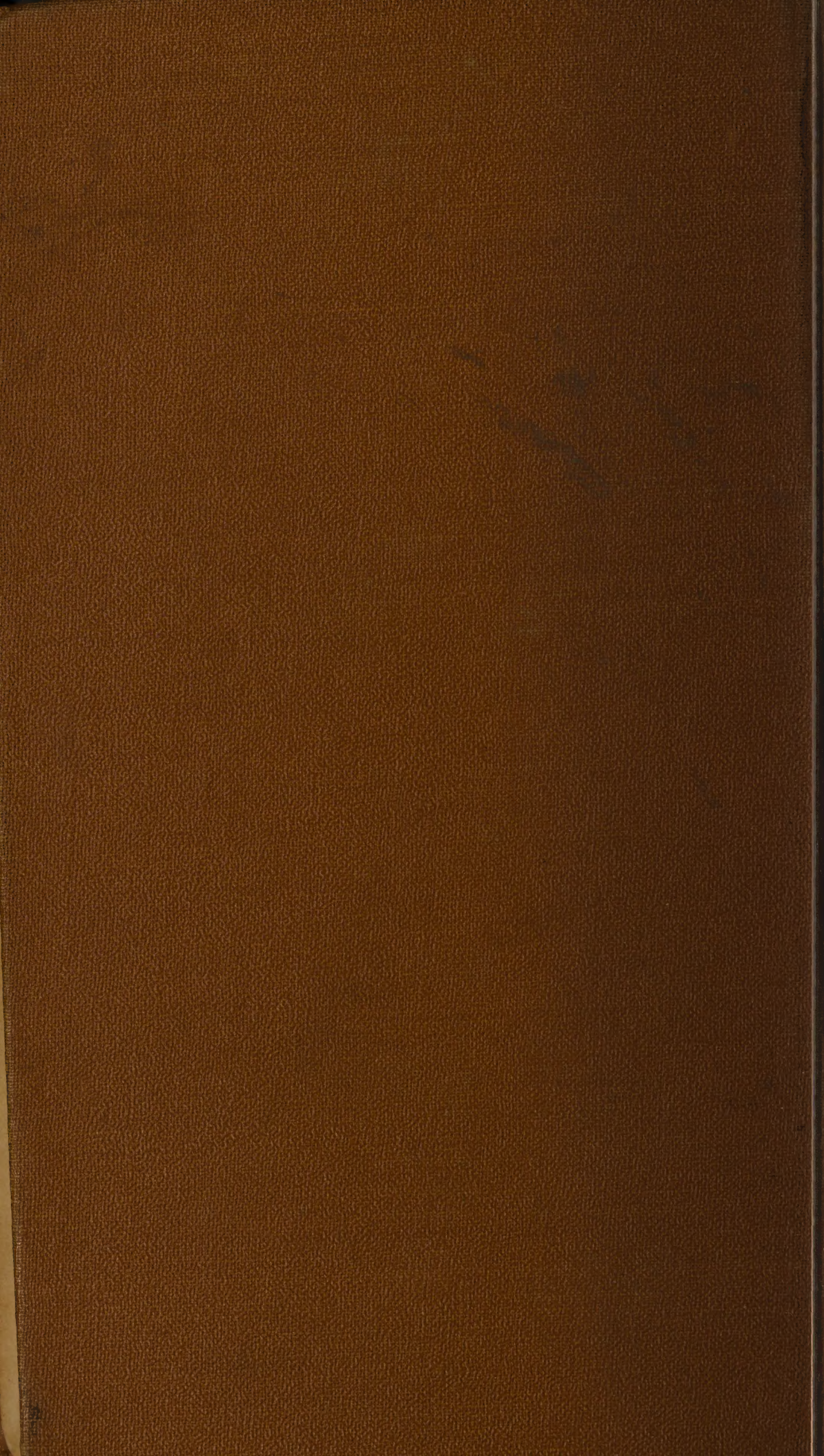
WASHINGTON, D. C.

OFFICIAL BUSINESS

*Vicia faba
- green beans*

*215
milk plants*

LETTER MAIL



41

49

60

} only 3 grounds
harvested

18 W

T

F

S

S

M

T

W

lodging scale.

1 =

cleaning

0 =

no lodging

1 =

very little about 10 90

2 =

less than 50 90

3 =

75 90 lodged,

4 =

completely lodged

39 BB

41 F

45 mm

46 R-N

48 R-N

49 243

54

56 S-R

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER
CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable at each experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and seriousness of attacks, estimating crop loss. For example FW *5/35-7 (Footnote * Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatment, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation slope of land or contours, and any other features which may materially assist in interpreting the results. The square rule paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid possible transcribing or typing of raw data.

39 BB

41 F

45 min

46 R-N

48 R-S

49 A43

54

56 S

4

1-150

#1

unimodal

17

#2

#3

unimodal

5

#4

6

unimodal

8

#6

9

#7

10

unimodal

12

#8

glut

5

46

1945

4

39 BB

41 F

45 mm

46 R-N

48 R-S

49 A-B

54

56

1-150

#1

university

17

#2

*37

university

53

#4

69

university

85

#6

45

#7

105

university

121

#8

glut

56

46

1945

4

Plot 16 ft long - 12" apart
 no fertilized at seeding time

1945 Variety No. 1945 Seeding order 1944 Var. No.

| HEADING | DATES | | PLANT HT. |
|---------|-------|------|-----------|
| | FULL | RIPE | |

| | | | | | |
|----------------|-----|------|------|------|----|
| 1 | 1 | 7/27 | 7/31 | 8/26 | 48 |
| Early Prolific | 229 | 1 | | | |
| TS-19801 | 307 | | | | 41 |
| CI-5883 | 417 | | | | |

cut ground

| | | | | | |
|-------------|-----|------|-----|------|----|
| 2 | 2 | 7/26 | 9/7 | 8/28 | 50 |
| B41-3299-13 | 224 | 23 | | | |
| BR Sel. | 303 | | | | 43 |
| | 415 | | | | |

cut ground

| | | | | | |
|---------|-----|------|-----|------|----|
| 3 | 3 | 7/23 | 8/1 | 8/20 | 43 |
| Zenith | 235 | 3 | | | |
| CI-7787 | 314 | | | | 37 |
| | 413 | | | | |

cut ground

| | | | | | |
|-------------|-----|------|-----|------|----|
| 4 | 4 | 7/25 | 8/2 | 8/25 | 47 |
| B317A39-5-1 | 233 | 5 | | | |
| WxF (roque) | 304 | | | | 43 |
| | 424 | | | | |

cut ground

| | | | | | |
|----------|-----|------|-----|------|----|
| 5 | 5 | 7/27 | 8/1 | 8/21 | 40 |
| Magnolia | 227 | 14 | | | |
| CI-8318 | 308 | | | | 36 |
| | 426 | | | | |

39 BB
 41 F
 45 min
 46 R-N
 48 R-N
 49 A43
 54
 56

11/8/57
 11/8/57
 11/8/57
 11/8/57
 11/8/57

Total yield in grams (4 tubes)

$$K 1.5 = \frac{\text{drops per A}}{45} = \text{line}$$

| DISEASES | | | | PER ROW |
|----------|--------------|------------|--|-------------|
| H.O. | Cerco-spores | White Tip | | |
| 0 | | | | 574 |
| 0 | | R | | 421 |
| 0 | | | | 478 |
| 0 | | | | 424 |
| | | | | <u>1897</u> |
| 0 | | | | 553 |
| 0 | | M-R | | 393 |
| 0 | | | | 454 |
| 0 | | | | 450 |
| | | | | <u>1850</u> |
| 0 | | | | 459 |
| 0 | | S | | 409 |
| 0 | | | | 394 |
| 0 | | | | 398 |
| | | | | <u>1660</u> |
| sl. | | | | 601 |
| 0 | | R (high R) | | 508 |
| 0 | | | | 508 |
| 0 | | | | 450 |
| | | | | <u>2067</u> |
| 0 | | | | 336 |
| 0 | | M | | 309 |
| 0 | | | | 282 |
| 0 | | | | 346 |
| | | | | <u>1273</u> |

one of the best plots in test
very good,

Taller & heavier straw than EP
1/2 way. Definitely more CO content
than EP. Is later than #34

Heavier strawed than EP, very good
less CO than EP

about as tall as EP, very heavy.
Uniform, clean straw, deep deep to
straw

poor grain yield, Has a tall
mixture, get new seed

all data

4

checked 1-150

#1

D J

CHL

U

D

LB

University

63.2 2846

61.7 2775

55.3 2490

68.9 3100

42.4 1910

| | | | DATE | PLANT |
|---------------------|-----|----|----------|---------|
| | | | READING | TT. |
| | | | 1ST FUSE | (IN.) |
| 6 | 6 | | 7/28 8/5 | 8/29 46 |
| Prelude | 228 | 16 | | |
| CI-8311 | 316 | | | 43 |
| <i>cut ground</i> | 414 | | | |
| 7 | 7 | | 7/23 8/1 | 8/21 42 |
| Lady Wright | 231 | 15 | | |
| TS-19803 | 302 | | | 41 |
| CI-5451 | 412 | | | |
| 8 | 8 | | 7/5 7/22 | 8/17 39 |
| TS. 33105 | 223 | 9 | | |
| CI-8318 | 310 | | | 36 |
| Cox BR | 425 | | | |
| B2913A29-1-1 | 425 | | | |
| Cox BR | | | | |
| 9 | 9 | | 7/5 7/21 | 8/10 39 |
| Colusa | 236 | 7 | | |
| TS-19798 | 306 | | | 40 |
| CI-1600 | 422 | | | |
| 10 | 10 | | 7/27 8/2 | 8/29 42 |
| B4117A10-13 | 222 | 18 | | |
| (BR-41-8323 x 8324) | 311 | | | 38 |
| | 421 | | | |

11/28 8/10/7
11/28 8/10/7

| DISEASES | | | | Y I E |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerec-
spora | White
Tip | GMS.
PER
ROW | |
| 0 | | M | 450 | |
| 0 | | | 398 | |
| 0 | | | 435 | |
| 0 | | | 461 | |
| | | | <u>1744</u> | |
| sl | | | 395 | |
| 0 | | St | 370 | |
| 0 | | | 413 | |
| sl | | | 390 | |
| | | | <u>1568</u> | |
| sl | | | 471 | |
| sl | | S | 450 | |
| sl | | | 385 | |
| sl | | | 367 | |
| | | | <u>1673</u> | |
| 0 | | | 491 | |
| 0 | | S | 361 | |
| 0 | | | 423 | |
| 0 | | | 409 | |
| | | | <u>1684</u> | |
| 10% | | | 560 | |
| 0 | | S | 467 | |
| 0 | | | 481 | |
| sl | | | 471 | |
| | | | <u>1979</u> | |

quite long, very little taller than
CP, coarse straw

looks heavier than Magnolia.
only fair for grain, very bad for
CP.

very short straw, Has been about ripe
for 10 days grain still high in moisture

very good colour plot, ripens much
faster than 8322

very uniform hl. & very long.
considerable CP.
lodged very bad in ripe
stage

LD DATA

ACRE YIELD

BU.

LBS.

58.1 2616

52.3 2352

55.8 2510

56.1 2526

66.0 2968

| | | D A T E S | | | |
|-----------------|-----|---------------|------|------|----|
| | | H E A D I N G | | | |
| | | 1ST | FULL | ROSE | |
| 11 | 11 | 7/16 | 7/25 | 8/24 | 43 |
| B104A1-29-4 | 225 | 26 | | | |
| BR-41xEP | 301 | | | | 41 |
| | 411 | | | | |
| 12 | 12 | 7/14 | 7/24 | 8/21 | 42 |
| (C43R122), | 234 | | | | |
| CO-BR x AL-1 | 312 | | | | 37 |
| | 418 | | | | |
| 13 | 13 | 7/23 | 8/1 | 8/24 | 42 |
| (C43R5051), | 221 | | | | |
| CO-BR x AL-1 | 305 | | | | 39 |
| | 419 | | | | |
| 14 | 14 | 7/23 | 8/1 | 8/24 | 44 |
| C6-253-9-2, | 230 | | | | |
| 28343-62 x AL-1 | 315 | | | | 43 |
| | 420 | | | | |
| 15 | 15 | 7/23 | 8/2 | 8/25 | 36 |
| Hill | 232 | 556 | | | |
| Medium-grain | 313 | | | | 34 |
| | 423 | | | | |

11. 8/67

11. 8/67

11. 8/67

11. 8/67

11. 8/67

| DISEASES | | | | Y I E |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 10% | | | 659 | |
| sl | | S | 515 | |
| o | | | 525 | |
| sl | | | 526 | |
| | | | <u>2225</u> | |
| sl | | | 387 | |
| sl | | R | 298 | |
| sl | | | 314 | |
| sl | | | 250 | |
| | | | <u>1249</u> | |
| o | | | 529 | |
| o | | R (Seg) | 390 | |
| o | | fur S plants | 392 | |
| o | | | 308 | |
| | | | <u>1619</u> | |
| sl | | | 511 | |
| o | | R | 421 | |
| sl | | | 366 | |
| sl | | | 377 | |
| | | | <u>1675</u> | |
| o | | | 437 | |
| o | | R | 241 | |
| o | | | 366 | |
| o | | | 374 | |
| | | | <u>1418</u> | |

very heavy, much C.O. at head
as bad as E.P., very uniform ht.

very tall du $\frac{7}{5}$, wide leaves, much leaf
yellowing, earliest of 5 sets,
coarsest straw, more leaf drying than 15
not as bad as 14, shortest

very uniform when ripe, shorter some
shorter than 12 but prob. as tall as
E.P. + Z, no leaf yellowing ($\frac{7}{5}$ + $\frac{4}{5}$)

Very uniform ht, stalk better than
12, very promising, leaves stay very
green when ripe

Taller when ripe than others, ripe very fast
sl. shorter than 13 + more leaf
yellowing than 12, $\frac{7}{5}$ + $\frac{4}{5}$
longest grain, tallest & fastest
ripening, probably heaviest yield,
more leaf drying than others

very short No seed some
2 east some possibly not fertilized

| LD DATA | |
|---------|-------|
| ACRE | YIELD |

BU.

LBS.

74.2 3338

41.6 1874

54.0 2428

55.8 2512

47.3 2127

STAG 3-17
 0.21 4.40
 2.4
 1.00
 0.74
 0.09

280 A-1 E-1
 HEADING
 1ST FULL RIFE

16

7/11 7/19 8/9

36
 34
 17/28/22

Cody

16
 224 2
 309
 4/6

| DISEASES | | | Y I E |
|----------|------------------|--------------|--------------------|
| H.O. | Cercos-
spora | White
Tip | GMS.
PER
ROW |
| 0 | | | 352 |
| 0 | 5 | | 274 |
| 0 | | | 313 |
| 0 | | | 187 |
| | | | <hr/> 1126 |

Poor grain yield but very
early.

LD DATA
ACRE YIELD

BU.

LBS.

37.5 1689

17

Test No. 2

| DATE | PLANT |
|------|---------|
| HEAD | HEADING |
| FULL | HT. |
| 1ST | STUCCO |
| RIPE | (IN.) |

17

17

7/20 7/25 8/26 41

B3810417-1-1, 204 39

S-EPx CA-Cdy 322

38

427

cut guard

18

18

7/19 7/25 8/16 41

B3810543-8, 203 2229

S-EPx CA-Cdy 325

42

432

19

19

7/25 8/2 8/29 40

B4117A40-1, 202 30

BR41-8323x8324 320

40

430

20

20

7/17 8/1 8/26 38

B4117A2-5, 204 33

BR41-8323x8324 323

37

433

21

21

7/25 8/21 8/29 41

B4117A10-4, ~~201~~ 291

BR41-8323x8324 321

42

434

| DISEASES | | | | YIELD | |
|----------|----------------|--------------|--------------------|-------|--|
| H Q | Cere-
spots | White
Tip | GMS.
PER
ROW | A | |
| | | | | B | |
| sl | | | 391 | | |
| o | R | R | 402 | | |
| sl | | | 336 | | |
| o | | | 350 | | |
| | | | 1479 | | |
| o | | | 336 | | |
| o | | S | 360 | | |
| o | | | 383 | | |
| o | | | 291 | | |
| | | | 1320 | | |
| sl | | | 440 | | |
| o | | S | 477 | | |
| o | | | 473 | | |
| o | | | 446 | | |
| | | | 1806 | | |
| o | | | 381 | | |
| o | | S | 441 | | |
| o | | | 412 | | |
| o | | | 381 | | |
| | | | 1615 | | |
| 10% o | | | 470 | | |
| o | | S | 580 | | |
| 10% o | | | 570 | | |
| o | | | 395 | | |
| | | | 2015 | | |

very clean straw, 1/2 s. resistant
very tall, much leaf yellowing (2/5)
shatters badly - very uniform
rather short straw

St. shorter than 17, practically no
leaf yellowing 2/5/45.
looks about like EP, but sl
earlier, highly succ. to C.O.

very uniform, rather short
straw. standing all right in
over ripe stages

very short, uniform,
highly succ. to C.O.

Taller than 20 & 19 uniform
good.

checked

| D DATA | |
|-----------|------|
| CRE YIELD | |
| J. | LBS. |

17
2

49.3 2218

44.0 1980

60.2 2709

53.8 2422

67.2 3022

| | | DATES | | | PLANT
H.
(IN.) |
|-----------------|------|---------|------|------|----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |
| 22 | 22 | 8/1 | 8/8 | 9/8 | 41 |
| B4117A63-1, | 205 | | | | |
| | 245 | | | | |
| BR-41-8323x8324 | 324 | | | | 39 |
| | 429 | | | | |
| 23 | 23 | 7/20 | 8/9 | 9/4 | 40 |
| B4117A10-8-2, | 207 | | | | |
| | 2273 | | | | |
| BR-41-8323x8324 | 319 | | | | 37 |
| | 436 | | | | |
| 24 | 24 | 7/14 | 8/1 | 8/27 | 38 |
| B40143-43, | 209 | | | | |
| | 35 | | | | |
| BR41 X8323 | 318 | | | | 35 |
| | 435 | | | | |
| 25 | 25 | 7/26 | 8/8 | 8/26 | 43 |
| Hill | 210 | | | | |
| | 557 | | | | |
| Long-grain ✓ | 324 | | | | 45 |
| cut grain | 428 | | | | |
| cut grain ✓ | 26 | | | | |
| 26 | 26 | 7/25 | 8/2 | 8/17 | 43 |
| Honduras | 208 | | | | |
| | 22 | | | | |
| TS-1611 | 317 | | | | 41 |
| CI-1643 | 431 | | | | |

| | DISEASES | YIELD | |
|------|-----------------|--------------|--------------------|
| | | | |
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| lod | | | 466 |
| lod | S | | 439 |
| lod | | | 523 |
| lod | | | 447 |
| | | | 1875 |
| sl | | | 408 |
| o | S | | 371 |
| o | | | 459 |
| o | | | 404 |
| | | | 1642 |
| sl | | | 472 |
| sl | S | | 520 |
| sl | | | 420 |
| sl | | | 416 |
| | | | 1828 |
| sl | | | 321 |
| sl | R-M | | 401 |
| sl | | | 340 |
| sl | | | 340 |
| | | | 1402 |
| o | | | 337 |
| o | S | | 352 |
| o | | | 315 |
| o | | | 281 |
| | | | 1285 |

quite late, very heavy,
& very uniform, v. good,
lodged very bad: in over ripe
stages in some series

very leafy, Highly susceptible C.O.

quite early, is a 8323 type
but stands better

Rather short upright growth, wide
leaves $7/5/1/2$)

Very uneven when heading, looks
quite good when headed out,
leaves are very low, long peduncle

Very leafy, good veget growth
but very poor grain yield.

| D DATA | |
|-----------|------|
| CRE YIELD | |
| J. | LBS. |
| 62.5 | 2812 |
| 54.7 | 2463 |
| 60.9 | 2742 |
| 46.7 | 2103 |
| 42.8 | 1928 |

| | DATES | | | PLANT
(IN) | |
|--------------|---------|------|------|---------------|----|
| | HEADING | | FULL | | |
| | 1ST | FULL | RIPE | | |
| 27 | 27 | 7/15 | 7/20 | 8/17 | 38 |
| B411A3-12, | 214 | 36 | | | |
| 8323x2 | 334 | | | | 39 |
| | 408 | | | | |
| 28 | 28 | 7/15 | 7/24 | 8/15 | 37 |
| B411A3-35, | 216 | 41 | | | |
| 8323x2 | 327 | | | | 39 |
| | 407 | | | | |
| 29 | 29 | 8/4 | 8/14 | 9/10 | 39 |
| B43-2089 | 213 | 90 | | | |
| Sm. BR | 331 | | | | 40 |
| | 409 | | | | |
| 30 | 30 | 8/23 | 9/1 | | |
| 3722A1-93-96 | 219 | A96 | | | |
| Fx BR | 333 | | | | |
| | 405 | | | | |
| 31 | 31 | 7/24 | 8/1 | 8/28 | 42 |
| B404A1-51-2 | 211 | 255 | | | |
| BR41xEP | 335 | | | | 42 |
| | 403 | | | | |

Hn 8/27

Hn 8/22

Hn 8/27

| YIELD | DISEASES | | | GMS.
PER
ROW | E |
|-------------------------------|----------|------------|---------------|--------------------|---|
| | H.O. | Cercospora | White
spot | | |
| 10% | | | | 337 | |
| sl | | S | | 403 | |
| sl | | | | 414 | |
| sl | | | | 395 | |
| | | | | 1549 | |
| at since (A) damaged by birds | | | | 232 | |
| 0 | | S | | 417 | |
| 0 | | | | 402 | |
| 0 | | | | 375 | |
| | | | | 1426 | |
| 0 | | | | 202 | |
| 0 | | Seiz | | 266 | |
| 0 | | | | 281 | |
| 0 | | | | 261 | |
| | | | | 1010 | |
| | | | | 242 | |
| | | S | | 261 | |
| | | | | 290 | |
| | | | | 208 | |
| | | | | 1001 | |
| sl | | | | 416 | |
| 0 | | S | | 501 | |
| 0 | | | | 466 | |
| 0 | | | | 450 | |
| | | | | 1833 | |

shorter than Smith, tends
to fall over when rain is
worse than Smith by fall.

very short, 1st series damaged
by birds & rats 20% destruction
about grain, looks very good in 2nd

considerable sterility, appears
quite short $\frac{3}{5}$)
light yielding.

Very tall $\frac{7}{5}$)

very good.

checked- D DATA
ACRE YIELD

BU.

LBS.

11-24

51.6 2324

47.5 2139

33.7 1515

33.4 1502

61.1 2750

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|--|--|--|-----------|------|------|-----------------------|
| | | | HEADING | | FULL | |
| | | | 1ST | FULL | RIPE | |

32

32

7/20

8/31

9/21

39

B35SA2-14-1-1, 217 45

Kx7143 329

406

37

33

33

8/3

8/10

9/2

43

B3812A1-2-2, 215 276

1645-5369X42-1 336

402

43

34

34

7/25

8/2

8/27

42

B41-3299-7, 218 8

BR sel. 328

404

41

cut grass

35

35

7/24

8/2

8/21

36

C41R4367, 220 32

Fx Bckcr. 330

401

39

36

36

7/23

8/1

8/26

37

B41143-7, 212 43

8323XZ 332

410

38

cut grass

| DISEASES | | | | YIELD |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 0 | | | 323 | |
| 0 | S | | 376 | |
| 0 | | | 335 | |
| 0 | | | 361 | |
| | | | <u>1395</u> | |
| 0 | | | 273 | |
| 0 | R | R | 366 | |
| 0 | | | 289 | |
| 0 | | | 302 | |
| | | | <u>1230</u> | |
| 0 | | | 508 | |
| 0 | M-S | | 525 | |
| 0 | | | 409 | |
| 0 | | | 448 | |
| | | | <u>1890</u> | |
| 0 | | | 357 | |
| 0 | S | | 328 | |
| 0 | | | 315 | |
| 0 | | | 310 | |
| | | | <u>1310</u> | |
| 0 | | | 466 | |
| 0 | S | | 480 | |
| 0 | | | 434 | |
| 0 | | | 473 | |
| | | | <u>1853</u> | |

Highly resistant to H & Co in
the overripe stages

mid. ht, rather wide leaves,
looks like Jordan A. C. C. very
bad for leaf yellowing 7/5)

earlier than #2 not as good in 1st

very short straw, leafy,
lustrous green very long, ripens
fast in spite of leaves + stems
staying green

quite uniform ht, long.

Prod. heaviest 8323 x 2 all

Also has best straw, short straw +
stands better than Smith

AD DATA
ACRE YIELD

10.

BS.

46.5 2092

41.0 1845

63.0 2835

43.7 1965

61.8 2780

*medusa long long d
gran unicolor
uniform group (#3)*

| DATES | | | PLANT
HT.
(IN.) |
|---------|------|------|-----------------------|
| HEADING | FULL | RIPE | |

37

37

7/30 8/19 8/30

S919042-2 268
IBR-F x
Ark. Fort. 362
440

Stuttgart ark

38

38

8/4 8/13 9/2

Arkansas 253 52
Fortuna 358
CI-8309 442

39

39

8/5 8/13 9/2

Bluebonnet 263 60
TS-33104 355
CI-8322 438

cut grass

40

40

8/8 8/17 9/7

S322A,
(AH-32-23) 256 53
RxF 366
447

41

41

8/10 8/19 9/6

Fortuna (Texas) 262 57
TS-9821 361
CI-1344 437

Texas

cut grass

DISEASES
H.O. Cerco- White
 spora Tip

Y I E
 GMS.
 PER
 ROW

M-S

237

245

251

215

948

S

290

250

259

293

1092

S

230

260

265

364

1119

M

243

284

335

340

1202

M

245

238

296

384

1163

Rather poor

good, ripens very fast,

only al. shorter than Fort on 7/5
definitely shorter than Ark Fort.
Uniform but, rather short,
much storking,

only al. taller than Bluebonnet on
7/5 if any taller

Is much too tall, but very long.

Many C.O. spots but are very short,
possibly moderately R.

good, many CO spots but
rather short.

checked

| LD DATA | |
|------------|--|
| ACRE YIELD | |

BU.

LBS.

31.6 1422 *37

36.4 1638

37.3 1678

40.1 1803

38.8 1744

| | | | DATES | | | PLANT
HT.
(W.) |
|--------------|-----|----|----------------|--------------|--------------|----------------------|
| | | | HEADING
1st | FULL
FUEL | FULL
RIPE | |
| 42 | 92 | | 8/11 | 8/21 | 9/9 | |
| C2-26-1, NxF | 260 | 59 | | | | |
| | 359 | | | | | |
| | 446 | | | | | |
| 43 | 43 | | 8/12 | 8/21 | 9/8 | |
| C32246-23, | 265 | 61 | | | | |
| RxF | 368 | | | | | |
| | 451 | | | | | |
| 44 | 44 | | 8/9 | 8/20 | 9/9 | |
| Early Nina | 267 | 51 | | | | |
| | 357 | | | | | |
| | 443 | | | | | |
| 45 | 45 | | 8/10 | 8/21 | 9/9 | |
| Nina | 254 | 55 | | | | |
| TS-19926 | 364 | | | | | |
| CI-2702 ✓ | 445 | | | | | |
| cut ground ✓ | | | | | | |
| 46 | 46 | | 8/9 | 8/19 | 9/9 | |
| B347B40-9 ✓ | 258 | 59 | | | | |
| RxN ✓ | 360 | | | | | |
| cut ground ✓ | 440 | | | | | |

DISEASES
H.O. Cerco- White
 spora Tip

YIELD
 GMS.
 PER
 ROW

sq

292✓

297

276

378

1243

S

248

306

395

341

1290

R

327

318

299

310

1254

R

292

287

314

399

1292

R

269

263

287

294

1113

Rather tall, good, uniform lot.

Short like Bluebonnet on 7/5
fairly short, uniform lot,
stands very well,
Very stiff straw.

Similar to Tina

very tall, heavy

about like Tina on 7/5. It narrower
leaves.

Rather short straw, fine grain gold
c.s. spots very short.

AD DATA
ACRE YIELD
BU. LBS.

41.4 1864

43.0 1935

41.8 1881

43.1 1938

37.1 1670

| | | DATES | | | PLANT
HT.
(IN.) |
|--|--|---------|------|------|-----------------------|
| | | HEADING | FULL | | |
| | | 1ST | FULL | RIPE | |

| | | | | | |
|--------------|-----|-----|------|-----|--|
| 47 | 47 | 8/8 | 8/17 | 9/4 | |
| C9-II-1-8-1, | 261 | | | | |
| R x BR-R | 367 | | | | |
| | 439 | | | | |

Curley

| | | | | | |
|--------------|-----|-----|------|-----|----|
| 48 | 48 | 8/1 | 8/10 | 9/3 | |
| S41-10609, | 266 | | | | 56 |
| R x SBR | 353 | | | | |
| cut ground ✓ | 452 | | | | |

| | | | | | |
|-------------|-----|-----|------|-----|----|
| 49 | 49 | 8/5 | 8/12 | 9/3 | |
| B403344-43, | 257 | | | | 72 |
| TP x R-7684 | 359 | | | | |
| cut ground | 450 | | | | |

| | | | | | |
|-----------------|-----|------|-----|------|--|
| 50 | 50 | 7/28 | 8/6 | 8/30 | |
| C5-157-6, | 264 | | | | |
| (C44V627)CO-DxR | 363 | | | | |
| | 449 | | | | |

Curley

| | | | | | |
|-------------------|-----|------|------|------|--|
| 51 | 51 | 8/10 | 8/20 | 9/10 | |
| C5-167-6, | 255 | | | | |
| (C44R1126)N x 961 | 356 | | | | |
| | 441 | | | | |

Curley

| DISEASES | | | | Y I E |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerco-
spore | White
Tip | GMS.
PER
ROW | |
| bad | S | | 214 | |
| | | | 296 | |
| | | | 332 | |
| | | | 350 | |
| | | | <u>1192</u> | |
| | M-R | | 231 | |
| | ring spot | | 208 | |
| | spots | | 188 | |
| | | | 190 | |
| | | | <u>817</u> | |
| | S | | 231 | |
| | | | 274 | |
| | | | 297 | |
| | | | 257 | |
| | | | <u>1059</u> | |
| | sign | | 93 | |
| | | | 96 | |
| | probably | | 132 | |
| | R | | <u>138</u> | |
| | | | 459 | |
| | R | | 193 | |
| | | | 226 | |
| | | | 237 | |
| | | | 311 | |
| | | | <u>977</u> | |

leaving body, too tall

Rather short on 7/5
Tillers very well, very short
straw, good,

Rather short on 7/5
short straw, much tillering, good

light grain yield. - tall.
Very bad for leaf yellowing on 7/5

Prob. as tall as Tuna; very
leafy.

| FIELD DATA | |
|------------|--|
| ACRE YIELD | |

BU.

LBS.

39.7 1788

27.2 1226

35.3 1588

15.3 688

32.6 1466

ATAD 30
53317 343

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

52

52

8/5 8/12 9/4

B9033A4-30, 259 80

TPxR-7689 345

948

1111

1111

1111

1111

DISEASES

H.O. Cerco- White
spora Tip

YIE

GMS.
PER
ROW

Seq

203

M-S

251

304

287

1045

quite good prob. better than
than A4-43 (stiffer) same lit.
appears to be sep. for C.O.

LD DATAACRE YIELD

BU.

LBS.

34.8 1568

22/6/2000
~~Test not~~

| DATES | | | PLANT
HT.
(IN) |
|---------|------|------|----------------------|
| HEADING | FULL | RIPE | |

53

53

8/4

8/13

9/1

B4031A1-23-3, 237 2708

TPXR-SBR 344

460

54

54

7/30 8/6

8/29

B4031A1-3-3, 250 2693

TPXR-SBR 339

cut guard ✓ 457

55

55

8/13

9/12

C5-167-18 249

(R1137)NX461 340

455

overleaf

56

56

8/12

8/21

9/8

B3713A13-2-2, 251 2895

SxR 349

cut guard ✓ 466

57

57

8/18

9/14

B3713A19-1-1, 246 2899

SxR 342

459

Y I E

DISEASES

H.O.

Cercospora White
spora TipGMS
PER
ROW

S

201

264

321

277

1063

175

M

175

200

231

781

R

225

196

267

312

1000

R

303

249

223

306

1081

Seg.

305

280

343

306

1234

looks very good, rather short
straw, stools well

Very early, very short straw
appears to be very good quality
Uniform lot

quite tall, prob. as tall as
Mura, Mura grain type good

Very uniform lot; good straw
looks quite promising
a good grain type, &
shorter & thicker than T.P.

Susceptible to straight head.
1

checked

D DATA

D

31

128

35.41594

53
#4

26.01172

33.31500

36.01622

41.11851

| | | D A T E S | | | PLANT
HT.
(IN.) |
|---------------|----------|-----------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |
| 58 | 58 | 8/13 | 8/ | 9/10 | |
| B37/34/9-2, | 243 65 | | | | |
| SxR | 346 | | | | |
| | 462 | | | | |
| 59 | 59 | 8/4 | 8/12 | 9/2 | |
| B403344-15-3, | 243 2847 | | | | |
| TPxR-7689 | 341 | | | | |
| | 464 | | | | |
| 60 | 60 | 8/4 | 8/14 | 9/1 | |
| B403344-18, | 240 77 | | | | |
| TPxR-7689 | 347 | | | | |
| | 458 | | | | |
| 61 | 61 | 8/7 | 8/18 | 9/3 | |
| B4026A5-6, | 239 74 | | | | |
| R-7689 x R | 338 | | | | |
| | 461 | | | | |
| 62 | 62 | 8/14 | 9/9 | 9/12 | |
| B347B42-9, | 241 269 | | | | |
| RxN | 398 | | | | |
| | 465 | | | | |

DISEASES H.O. Cerco- White spora Tip

YIELD

| GMS.
PER
ROW | A
BU |
|--------------------|---------|
|--------------------|---------|

S

296

~~Aug?~~

290

385

380

1351

~~S~~

285

M

251

269

286

1091

S

282

257

291

260

1090

S

267

265

318

267

1117

R

293

211

278

270

1052

definitely taller than 56 & 57 in reg stage
more leaf drying than 56
good straw, uniform lit, leafy

Short straw, good at grain
type, quite long straw, shorter
than A4-43 & A4-30
Tip across on most plants

looks very good, taller than
~~some~~ 59, 49 & 52

Rather short straw fairly good ✓

Rather tall, long peduncles
clean straw, only fair yield
Taller than B40-9

D DATACRE YIELDLBS.

45.0 2026

36.4 1636

36.3 1635

37.2 1676

35.1 1578

~~Test No. 5~~

| | | DATES | | | PLANT
HT.
(IN.) |
|----------------|----------|---------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FUL | RIPE | |
| 63 | 63 | 8/10 | 8/22 | 9/8 | |
| B352A11-2-3-2 | 238 3076 | | | | |
| | 350 | | | | |
| | 463 | | | | |
| 64 | 64 | 8/5 | 8/13 | 9/6 | |
| B3722A1-51-1-2 | 247 31 | | | | |
| F x BR | 337 | | | | |
| | 468 | | | | |
| 65 | 65 | 8/17 | | 9/15 | |
| B346B39-4, | 244 95 | | | | |
| S x N | 352 | | | | |
| | 467 | | | | |
| 66 | 66 | 8/11 | 8/11 | 9/2 | |
| B4045A1-4-2, | 242 2645 | | | | |
| R-SBR x BR41 | 351 | | | | |
| | 454 | | | | |
| 67 | 67 | 8/13 | 8/21 | 9/16 | |
| B4015A10-1, | 252 81 | | | | |
| K-BR x BR41 | 345 | | | | |
| | 466 | | | | |

DISEASES

YIEL
GMS. A
PER
ROW B

H.O. Cerco- White
spora Tip

R
M

288
264
281
297

1130

S

333
289
304
326

1252

R

299
256
313
352

1220

Aug.

208
173
263
246

890

R

322
344
336
301

1303

very wide leaves $\frac{7}{5}$
quite tall, no shattering,
very good, heavy straw, good

a good mid-grain type
easily threshed

Very heavy, clean straw, quite
very tall on $\frac{7}{5}$
heavy

Rather short straw, stools well,
short heads, mid-grain type
fairly good.

light green color, rather tall $\frac{7}{5}$
short heads, threshes quite
easily, very green vegetation

D DATA
CRE YIELD

J. LBS

37.7 1695

41.7 1878

40.7 1830

29.7 1335

43.4 1954

| | | D A T E S | | | P L A N T
H T.
(IN.) |
|----------|--------|---------------|---------|---------|----------------------------|
| | | H E A D I N G | | F U L L | |
| | | 1 S T | F U L L | R I P E | |
| 68 | 68 | 8/10 | 8/18 | 9/13 | |
| C4016A, | 245 93 | | | | |
| K471BR41 | 343 | | | | |
| | 453 | | | | |

DISEASES
 H.Q. Cerco- White
 spora Tip

YIELD
 GMS.
 PER
 ROW

Seg

375

373

369

370

1487

shorter & darker color than 67.
quite productive, easily thrives
A good med-gr type.

| D DATA | |
|-----------|-----|
| CRE YIELD | |
| J. | LES |

49.6 2230

#5
uniform Tied
mid plant + mid-2 var

69
Calady 40
cut ground ✓
CI-7686

501

624 98

715

825

| DATES | | | PLANT
HT.
(IN.) |
|---------|------|------|-----------------------|
| HEADING | FULL | RIPE | |
| 1ST | FULL | RIPE | |

| | | | |
|-----|------|------|----|
| 8/7 | 8/15 | 9/11 | 43 |
|-----|------|------|----|

70

502

| | | | |
|-----|------|------|----|
| 8/9 | 8/19 | 9/13 | 36 |
|-----|------|------|----|

Asahi 623 97

CI-8312 719

821

cut ground ✓
71

503

| | | | |
|-----|------|-----|----|
| 8/4 | 8/15 | 9/9 | 38 |
|-----|------|-----|----|

Calono 633 105

TS-19799 720

CI-1561-1 818

cut ground ✓
72

504

| | | | |
|------|------|------|----|
| 8/10 | 8/18 | 9/12 | 41 |
|------|------|------|----|

Acadia 631 108

TS-19882 717

CI-1988 817

73

505

| | | | |
|-----|------|------|----|
| 8/9 | 8/16 | 9/13 | 43 |
|-----|------|------|----|

Arknose 626 99

CI-8310 722

820

cut ground ✓

| DISEASES | | | | Y I E |
|----------|------------------|--------------|--------------------|-------|
| H.O. | Cerco-
sporid | White
Tip | GMS.
PER
ROW | |
| | | ✓ | 390 | |
| | Rt6 | ✓ | 289 | |
| | | ✓ | 357 | |
| | | ✓ | 358 | |
| 0 | S | | 1394 | |
| | Rt6 | 0 | 254 | |
| | | ✓ | 247 | |
| | | 0 | 259 | |
| | | 0 | 286 | |
| 0 | R | | 1046 | |
| | Rt6 | 1 | 330 | |
| | | ✓ | 307 | |
| | | ✓ | 300 | |
| | | ✓ | 297 | |
| 2 | S | | 1234 | |
| | Rt6 | ✓ | 348 | |
| | | ✓ | 322 | |
| | | ✓ | 379 | |
| | | ✓ | 397 | |
| 2 | S | | 1446 | |
| | Rt6 | 3 | 375 | |
| | | ✓ | 374 | |
| | | ✓ | 290 | |
| | | 3 | 340 | |
| 2 | S | | 1379 | |

Very good for Calody.
Stems very brown on 9/26

Fair, short stem, & short heads
stems well,
very green on 9/26

good Calor

H. taller & later than Calor.

good for Arken, much better
stems dead on 9/26

checkedLD DATAACRE YIELDBULB

46.5 2091

34.9 1569

6
mm
#5

41.1 1851

48.2 2169

46.0 2068

| DATES | | PLANT
HT.
(IN.) |
|---------|------|-----------------------|
| HEADING | FULL | |
| 1ST EAR | RIPE | |

74

506

8/9 8/17 9/15 44

Karnnose-39 621 101

CI-8314 725

823

cut ground

75

507

8/14 8/25 9/15 43

AL-5-30, 630

I x BR 713

814

Smoking, 10/10/10

76

508

8/19 8/25 9/16 40

83712A1-15-1-1, 629 301

K x H x BR 721

811

cut ground

77

509

8/16 8/23 9/17 39

83712A1-7-2, 622 106

K-H x BR 712

(CI-8324-1) 815

cut ground

78

510

8/18 8/25 9/18 42

Blue Rose-41 627 104

TS-33108 723

CI-8317 812

cut ground

| DISEASES | | | | Y I E |
|----------|------|-----------------|--------------|--------------------|
| | H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| | | Rt6 | ✓ | 357 |
| | | | ✓ | 338 |
| | | | 1 | 347 |
| | | | ✓ | 332 |
| l | | R | | 1374 |
| | | Rt6 | 0 | 413 |
| | | | 0 | 379 |
| | | | 0 | 393 |
| | | | 0 | 374 |
| sl | | R | | 1559 |
| | | Rt6 | 1 | 454 |
| | | | 1 | 327 |
| | | | Tu | 412 |
| | | | ✓ | 476 |
| 0 | R | R | | 1669 |
| | | Rt6 | ✓ | 344 |
| | | | ✓ | 303 |
| | | | ✓ | 408 |
| | | | ✓ | 356 |
| 0 | | R | | 1411 |
| | | Rt6 | Tu | 295 |
| | | Sto2 | 1 | 290 |
| | | | Tu | 297 |
| | | | ✓ | 332 |
| 0 | | S | | 1214 |

very good, Uniform
leaves very green & clear on 9/26

quite short on 7/5)
very good, Smoothwell appearance
leaves as green as Kamroo on 9/26
true lodging in 4th

one of very heaviest for yield, best stem
very strong, fast ripening
good. Straw very green &
very clean on 9/26. very stiff
strawed. V.P. remaining except for
thick grain.

Heads most too short
short straw. Very clean & green
straw. Heads very short,
some short poorly filled heads.

only fair much more
CO than usual

as Brown as BR on 9/26

| FIELD DATA | |
|------------|-----|
| CORE YIELD | |
| BU. | LB. |

45.8 2061

52.0 2388

55.6 2504

47.0 2116

40.5 1821

| DATES | | | PLANT
HT.
(IN.) |
|---------|----------|------|-----------------------|
| HEADING | FULL | | |
| | 1ST FULL | RIPE | |

79

511

8/18 8/25 9/18 41

Blue Rose

625 103

TS-7183

726

CF-1962

824

80

512

8/16 8/25 9/14 43

B2911A18-1-1,

628 107

KxH

718

CI-8325

819

81

513

8/17 8/24 9/16 42

B62-4-1, ~~7183~~

635 112

KxH rogue

714

816

82

514

8/20 8/27 9/19 41

C3-I-9-2-4(11) 636

711

813

83

515

8/18 8/26 9/18 47

B42-2693,

632 144

Bruinmissie

724

(Smooth)

822

| | | | Y I E |
|---|----------|-----------------|--------------|
| | DISEASES | | |
| | H.O. | Cerco-
spora | White
Tip |
| | | ✓ | 329 |
| | Rt6 | ✓ | 321 |
| | St1 | 3 | 305 |
| | | 2 | <u>335</u> |
| 0 | S | | 1290 |
| | | T | 441 |
| | It6 | 1 | 420 |
| | Ofr | 1 | 408 |
| | all | 1 | <u>451</u> |
| 0 | lace | R | 1720 |
| | | 2 | 324 |
| | Ofr | ✓ | 335 |
| | all | 3 | 243 |
| | race | 3 | <u>406</u> |
| 0 | R | | 1308 |
| | | 1 | 379 |
| | Rt6 | ✓ | 391 |
| | | ✓ | 371 |
| | | ✓ | <u>465</u> |
| 0 | R | | 1606 |
| | | 1 | 423 |
| | Ofr | ✓ | 337 |
| | all | 1 | 376 |
| | race | ✓ | <u>433</u> |
| 0 | R | | 1569 |

only fair.

Very brown on 9/26

Sl taller than BK, good.
very green straw on 9/26

Fairly good BK type
very green straw on 9/26
no CO.

Very good, shorter than
Smithville

A few short CO spots on 9/29
Some leaf tips dying

quite tall looks good.
vegetation very green on 9/29
standing all night, very leafy
no leaf dying

FIELD DATA
CERE YIELD
BU. LBS.

43.0 1935

57.3 2580

43.6 1962

53.5 2409

52.3 2354

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|------|-----------------------|
| HEADING | | FULL | |
| 1ST | FULL | RIPE | |

8/17 8/25 9/18 40

84

516

B4015A4-1, 634 126

K-BR x BR41 716

826

cut ground

MUR

MUR

MUR

MUR

DISEASES

H.O. Cerco- White
spora Tip

Y I E
GMS.
PER
ROW

| | | | |
|---|-----|---|------|
| 0 | | 0 | 411 |
| | Rt6 | 0 | 401 |
| | | W | 361 |
| | | 0 | 396 |
| l | R | | 1569 |

Very good, prob no taller
than BR, uni-lob,
narrow leaves, an occasional
plant S to C. Rather short
stems, Has Kanuse lean to stem
more short poorly filled bds
than 98

LD DATA
CRE YIELD

BU

LMS

52.32354

Test no. 1

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|------------------|-----|-----|-----------|------|------|-----------------------|
| | | | HEADING | FULL | RIPE | |
| | | | 1ST | FULL | | |
| 85 | 517 | | 8/17 | 8/26 | 9/15 | 38 |
| B376A2-7-2, | 608 | 329 | | | | |
| IBR-FxS (Smooth) | 707 | | | | | |
| | 832 | | | | | |
| 86 | 518 | | 8/17 | 8/25 | 9/18 | 46 |
| B4015A19-2, | 605 | 322 | | | | |
| B2912A13xBR41 | 702 | | | | | |
| K-BR x | 827 | | | | | |
| 87 | 519 | | 8/14 | 8/25 | 9/15 | 44 |
| C4016A, | 607 | 312 | | | | |
| K47xBR41 | 703 | | | | | |
| cut guard ✓ | 835 | | | | | |
| 88 | 520 | | 8/14 | 8/22 | 9/17 | 44 |
| B4016A13-1, | 602 | 313 | | | | |
| K47xBR41 | 705 | | | | | |
| | 836 | | | | | |
| cut guard ✓ | | | | | | |
| 89 | 521 | | 8/11 | 8/17 | 9/14 | 43 |
| B4017A21, | 601 | 310 | | | | |
| AxKxBR41 | 710 | | | | | |
| | 831 | | | | | |

* 1-2+6+
probably

| DISEASES | | | | YIELD |
|----------|-----------------|--------------|--------------------|-------|
| H.O. | Cerec-
spora | White
Tip | GMS.
PER
ROW | |
| | | ✓ | 295 | |
| | Rt. 6 | 1 | 297 | |
| | | ✓ | 400 | |
| | | 1 | 310 | |
| 0 | R | | 1302 | |
| l | | 1 | 375 | |
| | Rt. 6 | 1 | 442 | |
| | all * | ✓ | 547 | |
| | aces | ✓ | 453 | |
| l | R | | 1817 | |
| | | 0 | 427 | |
| | Rt. 6 | 0 | 431 | |
| | | 0 | 519 | |
| | seq | 0 | 419 | |
| l | by 6 | | 1796 | |
| | | 1 | 343 | |
| | Rt. 6 | 1 | 333 | |
| | | ✓ | 390 | |
| | | ✓ | 352 | |
| 0 | seq | | 1418 | |
| 0 | Rt. 6 | 1 | 406 | |
| | | 1 | 412 | |
| | | 1 | 456 | |
| | | 0 | 361 | |
| 0 | 3 | | 1635 | |

some leaf yellowing, mid let wide
leaves $7/8$
short very straw, many r. short
heads. Some leaf dying

very tall, but quite productive
at least as tall as Kamrose,
Very straw but leaves like Kamrose
very green straw

much leaf yellowing $7/5$, very tall
veg on 8/11

prob. no taller than BK, Very
uniform let, Very productive
leaving in some sizes (Hystrum the
shorter straw than 8 T, prob
not as long.

very much like Arkrose, at
later maturing. Much better
than Arkrose, more uniform let
very little w. top, less C. s.
Have occasional CO resistant plant

*checked*D DATA
CRE YIELD

BU.

LBS.

43.4 1953

60.6 2726

59.9 2694

47.3 2127

54.5 2452

cut green

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|----------------|-----|-----|-----------|------|---------|-----------------------|
| | | | HEADING | | F I L L | |
| | | | 1ST | FULL | RIPE | |
| ✓ 30 | 522 | | 8/18 | 8/26 | 9/19 | 40 |
| Supreme | 604 | 138 | | | | |
| Blue Rose | 701 | | | | | |
| TS-19802 | 834 | | | | | |
| CI-5793 | | | | | | |
| 31 | 523 | | 8/17 | 8/26 | 9/18 | 40 |
| B4117A38-4, | 609 | 119 | | | | |
| BR41-8323 x | 704 | | | | | |
| 8324 | 829 | | | | | |
| 32 | 524 | | 8/16 | 8/25 | 9/19 | 40 |
| B4117A63-9, | 606 | 120 | | | | |
| BR41-8323x8324 | 706 | | | | | |
| 830 | | | | | | |
| 33 | 525 | | 8/14 | 8/23 | 9/15 | 42 |
| B401A125, | 603 | 121 | | | | |
| BR41x8323 | 709 | | | | | |
| 833 | | | | | | |
| 34 | 526 | | 8/14 | 8/23 | 9/18 | 43 |
| B401A12, | 610 | 125 | | | | |
| BR41x8323 | 708 | | | | | |
| 827 | | | | | | |

| | DISEASES | YIELD |
|------|---------------------------|--------------------|
| | | |
| H.O. | Cerco- White
spora Tip | GMS.
PER
ROW |
| | 3 | 250 |
| | Rt6 3 | 349 |
| | Stol 2 | 461 |
| | 2 | 302 |
| 0 | S | 1362 |
| 0 | 3 | 283 |
| | Rt6 2 | 356 |
| | 3 | 469 |
| | 2 | 343 |
| 0 | S | 1451 |
| 0 | 2 | 321 |
| | Rt6 1 | 416 |
| | 2 | 428 |
| | 1 | 382 |
| 0 | S | 1547 |
| | to | 311 |
| | Rt6 1 | 407 |
| | to | 444 |
| | 1 | 320 |
| sl | S | 1482 |
| Line | Rt6 to | 351 |
| | 1 | 385 |
| | to | 525 |
| | 0 | 445 |
| sl | 5 | 1706 |

56.9 2527

10

18 plants

very poor, many short
semi-stem buds.

Fairly good, short stem
some poor buds.

Better than 91, less CO more
uniform

only fair

Very good, fairly short stem
heavy uniform.
An occasional P plant

D DATA
CRE YIELD

U.

LBS

42.4 2043

48.4 2176

51.6 2320

49.4 2223

56.9 2559

ATAD 3
GUYANA

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|--------------|-----------------------|
| HEADING | FULL
RIPE | |

95

527

8/17

8/27

9/18

42

B371041-20, 2-2 620 131

K-H x BR

730

805

96

528

8/21

8/29

9/23

42

B371041-9-4-4, 618 133

K-H x BR

727

801

97

529

8/15

8/25

9/16

42

B371041-22, 2-2 617 297

K-H x BR

733

810

98

530

8/14

8/22

9/17

44

B371241-21-3-3, 614 137

K-H x BR

728

802

cut grass

99

531

8/20

8/29

9/20

43

B379A6, 616 141

K-H x SP-SJ

729

809

| | DISEASES | Y I E | GMS.
PER
ROW | |
|---|--------------------------------|-------|--------------------|--|
| | H.O. Carco- White
spora Tip | | | |
| | R tub | 3 | 345 | |
| | | ✓ | 328 | |
| | | 3 | 338 | |
| | | ✓ | 470 | |
| 0 | R | | 1481 | |
| | | 4 | 246 | |
| | R tub | 4 | 270 | |
| | all | 4 | 262 | |
| | paces | 3 | 465 | |
| 0 | R | | 1243 | |
| | | 2 | 272 | |
| | R tub | 3 | 193 | |
| | | ✓ | 296 | |
| | | ✓ | 370 | |
| 0 | R | | 1131 | |
| | | 3 | 375 | |
| | R tub | ✓ | 419 | |
| | | 3 | 444 | |
| | | 3 | 600 | |
| 0 | R | | 1838 | |
| | | 3 | 253 | |
| | R R tub | 3 | 238 | |
| | air | 3 | 340 | |
| | paces | 3 | 372 | |
| 0 | R | | 1203 | |

Fairly good, some short heads.
Too many short poorly
developed heads.

Very poor, almost as bad
as SBR.

Many short poorly developed
heads. V. high in 4th bunch still
shows some poor bds, taller than 98 in
adjacent plot.

quite tall on 7/5
Fairly good, quite tall, some
poor heads.

Prob - heaviest girdling strain in test
V. tall on 7/5.
Very tall, very heavy, clean
straw, heavy straw, stands
well, Heads larger & no short
types like in SBR etc. Some by a grain

very tall on 7/5
only fair. Too many
short heads, 1st row best?

checked

| <u>LD DATA</u> | |
|-------------------|------|
| <u>ACRE YIELD</u> | |
| BU. | LBS. |

49.4 2222

41.4 1864

XO
75

37.7 1696

61.3 2757

40.1 1804

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|---------------|-----|------|-----------|----------|------|-----------------------|
| | | | HEADING | 1ST F.L. | RIPE | |
| | | | | | | |
| 100 | 532 | 8/13 | 8/20 | 8/14 | 41 | |
| B371546-5-4, | 619 | 147 | | | | |
| (SP-53480P) | | | | | | |
| (35124 x SBR) | 732 | | | | | |
| rolled leaf | 803 | | | | | |
| 101 | 533 | 8/13 | 8/20 | 9/16 | 44 | |
| B3715436-6, | 611 | 155 | | | | |
| (35124 x SBR) | 731 | | | | | |
| | 806 | | | | | |
| 102 | 534 | 8/14 | 8/20 | 9/17 | 41 | |
| B35241-21-1-2 | 615 | 190 | | | | |
| K x R | 734 | | | | | |
| cut ground ✓ | 804 | | | | | |
| 103 | 535 | 8/9 | 8/17 | 9/14 | 40 | |
| B344B41-2, | 612 | 148 | | | | |
| CA x K | 735 | | | | | |
| cut ground ✓ | 808 | | | | | |
| 104 | 536 | 8/8 | 8/16 | 9/14 | 38 | |
| B344B41-6, | 613 | 153 | | | | |
| CA x K | 736 | | | | | |
| cut ground ✓ | 807 | | | | | |

| DISEASES | | | YIELD | |
|----------|-----------------|--------------|--------------------|--------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | A
B |
| | | 3 | 254 | |
| | Rt | 4 | 239 | |
| | all | 3 | 253 | |
| | recess | 4 | <u>338</u> | |
| 0 | R | R | 1084 | |
| | | 3 | 212 | |
| | Rt | ✓ | 270 | |
| | all | 3 | 215 | |
| | recess | 3 | <u>356</u> | |
| h | R | R | 1053 | |
| | | 1/2 | 337 | |
| | Rt | 1/2 | 257 | |
| | all | 0 | 323 | |
| | recess | 1/2 | <u>427</u> | |
| 0 | R | R | 1344 | |
| | | 1 | 435 | |
| | Rt | 1 | 427 | |
| | spu | ✓ | 427 | |
| | hairs | ✓ | <u>473</u> | |
| 0 | R | R | 1762 | |
| | | 1 | 412 | |
| | Rt | 1 | 391 | |
| | | 1 | 424 | |
| | | ✓ | <u>444</u> | |
| 0 | R | R | 1671 | |

Reduced leaf area fair
shorter ones; very good
stem

Taller than 100.

good, upright flag,
clean vegetation

narrow leaves, short stem, stands
very well grow on farm in
large plot & determine productivity

very good, clean vegetation

very good, clean vegetation

D DATA
CRE YIELD

1

LBS

36.1 1626

35.1 1580

44.8 2016

58.7 2643

55.7 2506

97

Test 7
Uniform Sides

| D A T E S | | PLANT
HT.
(IN.) |
|-----------|------|-----------------------|
| HEADING | FULL | |
| 1ST | FULL | RIPE |

105

537

9/2 9/15 10/3

CI-6001

659 175

768

845

106

533

9/27 9/8 9/26

C3-I-2-25,

662 166

BR x BR-R

753

841

107

539

8/23 8/31 9/25

C3-I-13-2-3,

657

BR x BR-R

766

840

108

540

8/25 9/5 9/24

C3-I-2-23,

668 167

BR x BR-R

759

847

109

541

9/8 9/18

C322A8-30,

663 170

R x F

760

846

| No. | DISEASES | | | YIE |
|-----|----------|---------------------|--------------|--------------------|
| | H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| 1 | | | 0 | 588 |
| 2 | | | | 549 |
| 1 | | | 0 | 609 |
| 0 | | | | <u>6</u> |
| | | R | | 1752 |
| 0 | | | 2 | 271 |
| 1 | | | | 300 |
| 0 | | | 2 | 256 |
| 0 | | mostly R | | <u>327</u> |
| | | R-M | | 1154 |
| 0 | | | 2 | 325 |
| 0 | | | | 302 |
| 0 | | | 1 | 360 |
| 0 | | co spots are absent | | <u>311</u> |
| | | R-M. | | 1298 |
| 0 | | | 3 | 347 |
| 0 | | | | 386 |
| 0 | | | 2 | 354 |
| 0 | | | | <u>405</u> |
| | | R-M | | 1492 |
| 0 | | | 0 | 380 |
| 0 | | | | 360 |
| 0 | | | 0 | 406 |
| 0 | | R | | <u>300</u> |
| | | | | 1446 |

Still standing OK when
ripe
almost entirely sterile in 4th.

Straw hulls. Short heads, many
semi sterile type like BK, poor
rough hulls

Too tall, short heads,
poor grain yield

Short straw, BK type
Short semi sterile heads like BK
a good BK type

Too late, very long yield tho

checked

LD DATA

CRE YIELD

BU.

LBS.

58.4 2628

38.5 1731

43.3 1947

#7
105
mini

49.7 2238

48.2 2169

| D A T E S | | | PLANT
HT.
(IN.) |
|-----------|------|------|-----------------------|
| HEADING | FULL | RIPE | |
| 1ST | FULL | RIPE | |

cut ground ✓ 110

542

8/21 8/31 9/16

B321B40-3

661 163

RxD

767

837

111

543

8/27 9/10

Delrex

656 172

CI-8320

755

851

112

544

8/26 9/15

Rexona

660 174

TS-19941

757

CI-1779

838

113

545

8/21 8/31 9/20

Texas Patna

665 168

Sel-A

764

CI-8321-1

844

114

546

9/8

8352A1-88-2-2, 655 162

KxR

762

848

| | DISEASES | | | YIELD |
|--|----------|-----------------|--------------|--------------------|
| | H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW |
| good straw
1 of new leaf
1 for when stem hit | | | 0 | 319 |
| | | | | 340 |
| | | | 0 | 442 |
| | | | | 391 |
| | | M-S | | 1492 |
| 2 | | | 0 | 138 |
| 0 | | | | 216 |
| 0 | | | 0 | 214 |
| 0 | | R | | 286 |
| | | | | 854 |
| 2 | | | 0 | 352 |
| 2 | | | | 357 |
| 0 | | | 0 | 354 |
| 0 | | | | 175 |
| | | S | | 1238 |
| what straw 1 hr.
when stem hit | | | 0 | 278 |
| | | | | 287 |
| | | | 0 | 300 |
| | | | | 392 |
| | | S | | 1259 |
| 1 | | | 0 | 475 |
| 1 | | | | 468 |
| 0 | | | 0 | 484 |
| 1 | | | | 273 |
| | | R | | 1700 |

Review and of B40-3 in 4th almost completely
sterile, while B40-3 showed very sterility.
Very good, overripe when cut,
still standing very well,
no sterility, hay yield
describes faster than some seeds but
not as fast as T.P.

Many almost completely
sterile heads, very low grain
yield
Highly sterile in 4th

Very good but highly S to Co.
Practically all sterile in 4th.

Overripe when cut. very
brown + S to Co.

Very late, mid-gr smooth
very hay grain yield.
Highly sterile in 4th

LD DATA

CRE YIELD

BU.

LBS.

49.7 2238

28.5 1281

41.3 1857

41.9 1886

56.7 2550

| | | | DATES | | | PLANT
HT.
(IN.) |
|---------------|-----|-----|---------|------|------|-----------------------|
| | | | HEADING | | FULL | |
| | | | 1ST | FULL | RIPE | |
| 115 | 547 | | 8/27 | 9/8 | 9/25 | |
| B352A1-49, | 666 | 165 | | | | |
| KxR. | 761 | | | | | |
| | 850 | | | | | |
| 116 | 548 | | 8/20 | 9/3 | 9/20 | |
| B331341-20-4, | 664 | 169 | | | | |
| Rx7689 | 756 | | | | | |
| | 852 | | | | | |
| ✓ 117 | 549 | | 8/24 | 8/31 | 9/25 | |
| 3C31-2-10, | 667 | 288 | | | | |
| SxBR-D | 763 | | | | | |
| | 839 | | | | | |
| 118 | 550 | | 8/23 | 9/3 | 9/25 | |
| C6-I-25-12, | 663 | | | | | |
| BR-BR-R | 758 | | | | | |
| | 849 | | | | | |
| ✓ 119 | 551 | | 8/25 | 9/7 | 9/24 | |
| C3-72-3, | 654 | 202 | | | | |
| RxPurple-leas | 754 | | | | | |
| | 843 | | | | | |

Cut ground

Cut ground

Cut ground

Growth

| DISEASES | | | | YIELD |
|----------------|-----------------|--------------|--------------------|-------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 0 | | ✓ | 317 | |
| 0 | | | 318 | |
| 0 | | 1 | 375 | |
| 0 | | | 336 | |
| | R | | 1346 | |
| 0 | | 0 | 327 | |
| 1 | | | 338 | |
| 0 | | 0 | 325 | |
| 0 | | | 248 | |
| | R | | 1238 | |
| 0 | | 0 | 316 | |
| 0 | | | 344 | |
| 0 bad for | | 0 | 428 | |
| 0 phyllosticta | | | 374 | |
| | R | | 1462 | |
| 0 | | ✓ | 268 | |
| 0 | | | 320 | |
| 0 | | ✓ | 299 | |
| 0 | | | 321 | |
| | R-S | | 1208 | |
| V. gordonii | | 0 | 260 | |
| W. m. m. stems | | | 277 | |
| life | | 0 | 286 | |
| | | | 387 | |
| | M-S | | 1210 | |

quite clean for H₂O also, no CO.
Smooth med-gr, short straw
Hds rather short, only fair yield
some sterility in 4th but not bad

Ripens quite rapidly
standing very well when
cut. No CO, quite succ to
H₂O. Previously thought to
have resistance

quite good, med-gr type
grain yield prob not too high

Smooth BK type, prob best
of this type from Jordan.
Short straw

dries back quite rapidly, has
too many short hds this year.
Is true in all tests. short by straw

D DATA
CRE YIELD

SU.

LBS.

44.9 2019

41.3 1857

48.7 2193

40.3 1812

40.3 1815

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

C3-5 120

552

8/18

8/27

9/16

7/8 R. H. O. R. O 3-5

658

765

842

cut grass

DISEASES
H.O. Cercospora White Tip

Y I E
GMS.
PER
ROW

lodging
good stem
1/2" when stem
first. Part. better
than 7.10.2

0

224

343

0

334

291

S

1192

a good Rex type, sl earlier
than T.P. possibly heavier stem,
overripe when cut.

*checked*LD DATA
CRE YIELD

BU.

LBS.

39.7 1788

| | | D A T E S | | | PLANT
HT.
(IN.) |
|----------------|-----|-----------|------|------|-----------------------|
| | | HEADING | FULL | RIPE | |
| | | | | | |
| 121 | 553 | 8/30 | 9/9 | 10/3 | |
| B352A1-21-1-1, | 640 | 177 | | | |
| KxR | 738 | | | | |
| | 859 | | | | |
| 122 | 554 | 8/31 | 9/9 | 10/1 | |
| B352A1-59, | 642 | 191 | | | |
| KxR | 746 | | | | |
| | 857 | | | | |
| ✓ 123 | 555 | 9/5 | 9/17 | 10/2 | |
| B353A2-34, | 639 | 193 | | | |
| E-Fx 7143 | 745 | | | | |
| | 855 | | | | |
| 124 | 556 | 8/23 | 9/8 | 10/1 | |
| B42-2685, | 646 | 208 | | | |
| Wilgent BR | 751 | | | | |
| | 861 | | | | |
| 125 | 557 | 9/27 | 9/3 | 9/26 | |
| B4035A1-5, | 641 | 181 | | | |
| TPxR | 740 | | | | |
| | 858 | | | | |

| DISEASES | | | | Y I E |
|----------|--------------------|--------------|--------------------|-------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 1 | | 1 | 235 | |
| 0 | | | 206 | |
| 0 | | | 397 | |
| 0 | | | 336 | |
| | R | | 1174 | |
| 0 | | 1 | 347 | |
| 0 | | | 431 | |
| 0 | | 1 | 423 | |
| 0 | | | 505 | |
| | R | | 1706 | |
| 0 | | 1 | 313 | |
| 0 | | | 338 | |
| 0 | | 1 | 360 | |
| 0 | | | 352 | |
| | R | R | 1363 | |
| 0 | | 3 | 192 | |
| 1 | | | 240 | |
| 0 | | 3 | 207 | |
| 0 | | | 344 | |
| | R-S R-S | | 984 | |
| 3 | | 0 | 297 | |
| 1 | | | 346 | |
| 5 | | | 353 | |
| 2 | | | 363 | |
| | S | | 1359 | |

Too many short poorly filled
heads, narrow leaves

one of very best K-R med-gr
types gold rough,
fairly tall, green vegetation

Short straw, clear for 160 & 70
C.O. exceptionally long grain,
very dry straw,
Some sterility in 4th

poor disc no value.

It lies brownish than T.P.

checked

| <u>LD DATA</u> | |
|-------------------|-------------|
| <u>ACRE YIELD</u> | |
| <u>BU.</u> | <u>LBS.</u> |

39.1 1761

56.9 2559

45.4 2044

121
#8

32.8 1476

45.3 2038

| | | | D A T E S | | | PLANT
HT.
(IN.) |
|--------------|-----|-----------------------------|-----------|------|------|-----------------------|
| | | | HEADING | | FULL | |
| | | | 1ST | FULL | RIPE | |
| 126 | 558 | | 8/27 | 9/4 | 9/26 | |
| B403542-28, | 649 | 187 | | | | |
| TPxR | 748 | | | | | |
| | 850 | | | | | |
| 127 | 559 | from to 6000 m / 1st series | 8/27 | 8/30 | 9/27 | |
| Dwang TP | 643 | 5012 | | | | |
| | 742 | | | | | |
| | 868 | | | | | |
| cut ground ✓ | 128 | | 8/20 | 8/31 | 9/22 | |
| B403141-7, | 638 | 188 | | | | |
| TPxR-SBR | 747 | | | | | |
| | 866 | | | | | |
| cut ground ✓ | 129 | | 8/23 | 9/1 | 9/22 | |
| B403141-7-8, | 637 | 2968 | | | | |
| TPxR-SBR | 749 | | | | | |
| | 863 | | | | | |
| cut ground ✓ | 130 | | 8/25 | 9/3 | 9/22 | |
| Texas Patha | 645 | 183 | | | | |
| TS-33/06 | 737 | | | | | |
| CI-832/ | 867 | | | | | |

| DISEASES | | | | YIE. |
|----------|-----------------|--------------|--------------------|--------|
| H.O. | Cerco-
spora | White
Tip | GMS.
PER
ROW | |
| 4 | | 0 | | 341 |
| 3 | | | | 294 |
| 3 | | 0 | | 329 |
| 1 | | | | 350 |
| | S | | | 1314 |
| 0 | | 0 | | |
| 0 | | | | 98 |
| 0 | | | | 140 |
| 0 | | | | 168 |
| | S | | | 406(2) |
| 4 | | 0 | | 356 |
| 2 | | | | 299 |
| 1 | | 0 | | 316 |
| 4 | | | | 441 |
| | M-S | | | 1412 |
| 4 | | 0 | | 371 |
| 2 | | | | 374 |
| 4 | | 0 | | 343 |
| 2 | | | | 420 |
| | M-S | | | 1508 |
| | | 0 | | 313 |
| | | | | 318 |
| | | | | 366 |
| | | | | 385 |
| | S | | | 1382 |

It has brownier than TP in 1st
as brown as TP in 2nd,

very dark, highly S to CO.

Definitely less leaf dying than TP
and is as early. May have some
resistance to CO, most plants appear
to have CO but show more tolerance
less leaf top dying

Very much less leaf dying than
TP or TP sel A. as early. similar
lot, similar to 128 except
more uniform

LD DATAACRE YIELD

BU.

LBS.

43.8 1971

3) 18.0 812

47.1 2118

50.3 2262

46.1 2073

| | | DATES | | | PLANT
HT.
(IN.) |
|--|--|----------|--|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST FULL | | RIPE | |

131

563

8/23 9/3 9/22

B403344-6, 651 184

TP x R-7689 741

865

✓132

564

8/25 9/3 9/23

B403344-15-5, 647 2849

TP x R-7689 750

864

✓133

565

8/26 9/5 9/25

B403641-7, 648 185

R-D x R 752

862

134

566

8/22 9/2 9/24

B403043-13, 644 186

R x 7689 x TP 744

854

135

567

8/18 8/29 9/20

B3713A17-2-4, 652 3045

S x R 743

853

Category

DISEASES
H.O. Cerco- White
spora Tip

YIELD
GMS.
PER
ROW

| | | | |
|---|-----|---|------------|
| 3 | | 0 | 226 |
| 4 | | | 292 |
| 1 | | | 234 |
| 3 | | | <u>325</u> |
| | M-S | | 1077 |
| 2 | | 0 | 321 |
| 1 | | | 299 |
| 1 | | 0 | 301 |
| 1 | | | <u>391</u> |
| | M-S | | 1312 |
| 1 | | 0 | 287 |
| 2 | | | 377 |
| 0 | | 0 | 343 |
| 0 | | | <u>343</u> |
| | M-S | | 1350 |
| 1 | | 0 | 307 |
| 0 | | | 323 |
| 0 | | 0 | 215 |
| 0 | | | <u>180</u> |
| | M-R | | 1025 |
| 4 | | 0 | 422 |
| 4 | | | 409 |
| 4 | | | 411 |
| 3 | | | <u>380</u> |
| | M-R | | 1622 |

definitely less leaf drying than
T.P. shorter straw, most plants
show moderately S reaction to C.O.

definitely less leaf drying than
T.P. possibly shorter straw
better grain than A4-6 v. good
not as tall as and not as heavy for grain
as TP x R-SBP lines.

Some plants very succ. to C.O.
others show some resistance
Racter tall, heavy straw, all
appear to have C.O.

taller than 133 or $\frac{1}{2}$

very short straw, some plants
appear to be quite resistant to C.O.
Highly sterile in 4th

Some plants show practically
no C.O. leaves stay very green
v. good grain type more leaf
drying than 136 + 128/129

| D DATA | |
|-----------|------|
| CRE YIELD | |
| CU. | LBS. |

35.9 1616

43.7 1968

45.0 2025

34.2 1538

54.1 2433

| DATES | | | PLANT
HT.
(IN.) |
|----------|------|--|-----------------------|
| HEADING | FULL | | |
| 1ST FULL | RIPE | | |

✓ 136

568

8/20

8/21

9/22

B371343,1,

650 9136

SxR

739

856

out ground

DISEASES H.O. Cercospora White spora Tip

YIELD
GMS.
PER
ROW

| | | | |
|---|------------|---|------|
| 4 | | 0 | 410 |
| 4 | | | 377 |
| 3 | | | 408 |
| ✓ | | | 487 |
| | S-R
Seg | | 1682 |

A very heavy plot,
V. good grains type stays
very green. Probe no taller
than T P
No sterility in 4th

LD DATA

ORE YIELD

BU.

LBS.

56.1 2523

Glutinous Variety Test.

| | | | D A T E S | | | PLANT
HT.
(in.) |
|-------------|------|-----|-----------|------|------|-----------------------|
| | | | HEADING | FULL | | |
| | | | 1ST | FULL | RIPE | |
| 137 | 981 | | 8/20 | 9/12 | 9/20 | 39 |
| C4-52-1 | 995 | 209 | | | | |
| Dx654 | 1017 | | | | | |
| | 1036 | | | | | |
| 138 | 982 | | 8/23 | 9/4 | 9/23 | 38 |
| C41-1188 | 1006 | 210 | | | | |
| 654xAK-11-1 | 1020 | | | | | |
| S-F | 1027 | | | | | |
| 139 | 983 | | 8/23 | 9/3 | 9/23 | 40 |
| CI-654 | 1003 | 211 | | | | |
| | 1012 | | | | | |
| | 1035 | | | | | |
| 140 | 984 | | 7/26 | 8/6 | 8/23 | 42 |
| CI-5309 | 1000 | 212 | | | | |
| | 1021 | | | | | |
| | 1026 | | | | | |
| 141 | 985 | | 8/25 | 9/5 | 9/26 | 34 |
| CI-5399 | 999 | 213 | | | | |
| | 1009 | | | | | |
| | 1030 | | | | | |

DISEASES

| H.O. | Cerco-
spora | White
Tip |
|------|-----------------|--------------|
|------|-----------------|--------------|

Y I E

GMS.
PER
ROW

75

52

95

89

311

108

128

75

119

430

120

114

134

131

499

170

188

178

174

710

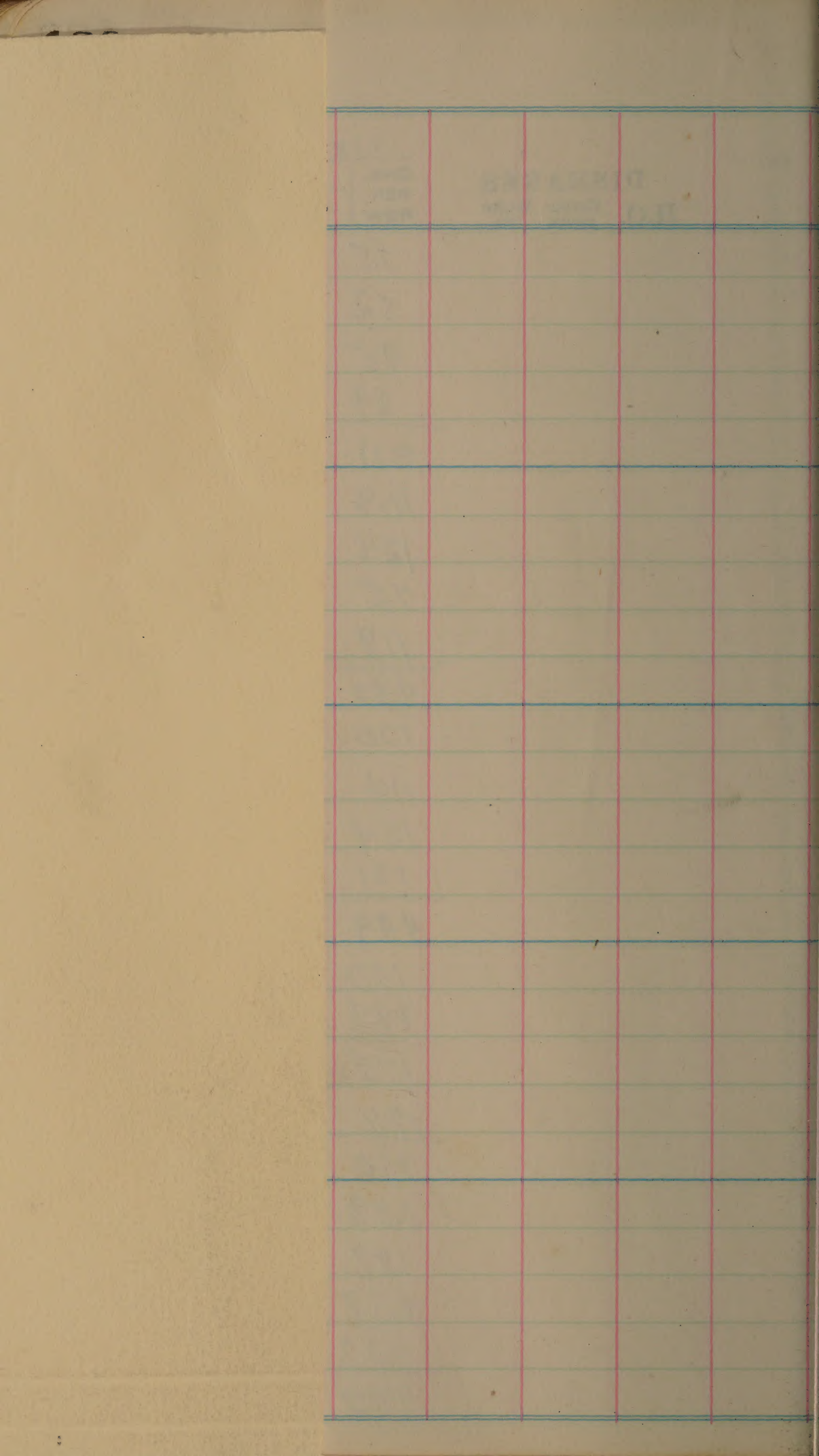
258

197

257

223

935

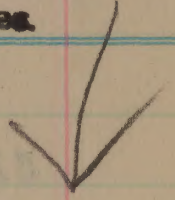


all data 132
checked

LD DATA
CRE YIELD

BU.

lbs



10.4 466

14.3 645

16.6 748

glut

23.7 1065

31.2 1402

| | | D A T E S | | | PLANT
HT.
(IN.) |
|---------------|----------|-----------|------|------|-----------------------|
| | | HEADING | | FULL | |
| | | 1ST | FULL | RIPE | |
| 142 | 986 | 8/5 | 8/14 | 8/21 | 39 |
| CI-2625a | 1008 214 | | | | |
| | 1014 | | | | |
| | 1028 | | | | |
| 143 | 987 | 8/20 | 8/31 | 9/23 | 37 |
| CI-5398 | 1005 215 | | | | |
| | 1022 | | | | |
| | 1025 | | | | |
| 144 | 988 | 8/2 | 8/10 | 8/31 | 45 |
| CI-841 | 998 216 | | | | |
| CI-7132 | 1013 | | | | |
| | 1033 | | | | |
| 145 | 989 | 7/22 | 8/4 | 8/27 | 35 |
| Asahi (glut.) | 997 217 | | | | |
| CDL 637 | 1011 | | | | |
| | 1024 | | | | |
| 146 | 990 | 8/8 | 8/17 | 9/12 | 37 |
| Bozu | 1007 218 | | | | |
| CI-6743 | 1010 | | | | |
| | 1034 | | | | |

DISEASES
H.O. Cerec- White
spora Tip

YIELD
GMS.
PER
ROW

238

240

261

236

975

255

250

210

226

941

202

228

241

301

972

204

268

167

249

888

137

169

144

172

622

D DATA
CRE YIELD

SU.

LPS

32.5 1462

31.4 1412

32.4 1458

29.6 1332

20.7 933

| | | DATES | | | PLANT
HT.
(IN.) |
|----------------------|----------------|---------------------|------|------|-----------------------|
| | | HEADING
1ST FULL | FULL | | |
| | | | RIPE | | |
| 147 | 991 | 8/3 | 8/9 | 8/21 | 35 |
| Myogohara Mochi 1004 | 219 | | | | |
| CI-6646 | 1018 | | | | |
| | 1023 | | | | |
| 148 | 992 | 8/7 | 8/16 | 9/10 | 32 |
| Mochi Gome 1002 | 220 | | | | |
| | stuff | | | | |
| | 1015 | | | | |
| | 1031 | | | | |
| 149 | 993 | 8/4 | 8/12 | 8/20 | 36 |
| Zenith | 996 221 | | | | |
| CI-7787 | 1016 | | | | |
| | 1029 | | | | |
| 150 | 994 | 8/9 | 8/17 | 7/12 | 34 |
| Caloro | 1001 222 | | | | |
| TS-19799 | | | | | |
| CI-1561-1 | 1019 | | | | |
| | 1032 | | | | |

DISEASES
H.O. Cerco- White
spora Tip

Y I E

GMS.
PER
ROW

163

146

121

99

529

216

236

178

204

834

310

292

283

229

1114

262

298

294

300

1154

| DATE | DESCRIPTION | AMOUNT | BALANCE | REMARKS |
|------|-------------|--------|---------|---------|
| 1921 | | | | |
| 1922 | | | | |
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LD DATACRE YIELD

BU.

LBS.

17.6 794

27.8 1251

37.1 1671

38.5 1731

56
46
1945
4

| | | | |
|-----------------|----|---------------|----|
| | | 33 | 56 |
| 39 Bluebonnet x | 33 | 46 | 63 |
| | 48 | 48 | 49 |
| | 33 | 49 | |
| | 68 | 54 | |
| | 33 | 63 | |
| | 33 | 68 | |
| | 33 | | |
| | 54 | | |
| | 63 | | |
| | 54 | | |
| | 63 | | |
| | 46 | | |
| | 49 | | |

39 Bluebonnet

33 B3812A1-2-2(1645-5309 x A)

49 (44-72) 4033A4-43

46 R.N. 347B409

48 R-SB 541-10609

2134-36

63 B352A11-2-3-2

| | | | | | |
|--------|---|--|---|-----------|--------|
| 451A | ✓ | bluebonnet (39) | X | ✓ | (33) |
| 451B | ✓ | gn | ✓ | | 37 |
| 451C | ✓ | ch off upper blue B (pr tip of) | ✓ | | 33 |
| 451D | ✓ | Beetle | ✓ | | 33/4/6 |
| 451E | ✓ | m | ✓ | | 33 |
| 451F | ✓ | ch | ✓ | | 33 |
| 1 452A | ✓ | ch | ✓ | ark R-SBR | 48 ✓ |
| 1 453A | ✓ | ch | ✓ | 7 P-R-SBR | 49 ✓ |
| 6 453B | ✓ | gn | ✓ | | 49 |
| 4 453C | ✓ | gn | ✓ | | 49 |
| 1 454A | ✓ | ch (7) | ✓ | K-R | 63 ✓ |
| 1 454B | ✓ | ch | ✓ | | 63 |
| 1 454C | ✓ | ch | ✓ | | 63 |
| 8 454D | ✓ | gn | ✓ | | 63 |
| 4 454E | ✓ | gn | ✓ | | 63 |
| 5 455A | ✓ | ch | ✓ | | 54 |
| 3 455B | ✓ | gn | ✓ | | 54 |
| 4 456A | ✓ | gn | X | S-R | 56 ✓ |
| 6 456B | ✓ | ch | X | | 56 |
| 5 457A | ✓ | gn | X | R-N | 46 |

1945 created
4

| | | |
|--------------|------|---------------------|
| 458A (2253) | ye x | (33) |
| 459A " | ye x | (48) |
| 4510A (2254) | ye x | (39) |
| 4511A " | ch x | (2126) |
| 4512A " | ch x | (2130) |
| 4513A " | ch x | (2148) |
| 4514A 2254 | x | 2216 |
| 4515A 2253 | x ye | 46 |
| 4516A 2253 | | 2136 |
| 4517A 2253 | | 2216 |
| 4518A 2253 | | 23 |
| 4519A 270 | x | ark R-SBR 48 |
| 4520A " | | R-N (B40-9) 46 |
| 4521A " | | TRR-7689 49 |
| 4522A " | | BBT 2260 |
| 4523A " | | Rexon 112 |
| 4524A " | | TRR-SBR 54 |
| 4525A " | | Horseshoe 33 |
| 4526A " | | 54 |
| 4527A " | | Ref 112 |
| 4528A " | | 48 |
| 4529A " | | 49 |
| 4530A " " | | Hill Midge |
| 4531A " | | 46 |
| 4532A " | | 33 |

| | | | |
|---------------------|----------|--------------|----------|
| 4533A | 116 | | 270 |
| 34 | " | | 49 |
| 35 | " | | 2140 RBT |
| 36 | " | | Hell med |
| 37 | " | ank (R-VR | 48 |
| 38 | " | | 54 |
| 39 | " | | 48 |
| 40 | " | | Hell med |
| 41 | " | | 270 |
| 42 | " | | 54 |
| 43 | " | | 49 |
| 44 | " | R-N | 46 |
| 45A ^B 13 | | TPatna sel A | Hell med |
| 46 | " | | 270 |
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| 48 | " | | 33 |
| 49 | " | | 270 |
| 50 | " | | 116 |
| 51 | " | | Hell med |
| 52 | " | | 116 |
| 53 | " | | 270 |
| 54 | 83 Brum. | 8325 | 80 |
| 55 | | 8326 | 77 |
| 56 | | Roller leg | 100 |
| 57 | | BR 41 | 78 |

| | | | | |
|---------------|----|---------|---------------|--------|
| 4558A | 83 | 1 | Jordon Sm | 12 |
| 59 | | (rough) | BR | 29 |
| 60 | | | S-EPs Carlsby | 17 |
| 61 | | | Sm BR | 29 |
| 62 | | | 8325 | 80 |
| 63 | | | | zenith |
| 64 | | | | zenith |
| 65 | | | IBR-F+S | 85 |
| 66 | | | Jordon Sm | 12 |
| 67 | | | 8326 | 77 |
| 68 | | | ark + BR4) | 89 |
| 69 | | | | 33 |
| 70 | | | | zenith |
| 71 | | | | zenith |
| 72 | | | 8326 | 77 |
| 73 | | | | 23 |
| 74 | | | 8325 | 80 |
| 75 | | | Arled by | 100 |
| 76 | | | | 33 |
| 77 | | | | 33 |
| 78 | | | | 33 |
| 79 | | | | |
| 80 | | | | |

The Macmillan Company
 mail service Dept
 60 Fifth Ave N. York

A Woman Rice planter \$2.50.
 Pennington

Rice & Rice Planting in the
 South Carolina Low Country
 By David Doar

E. Milby Burton, Director
 The Charleston Museum Jan 1936
 Charleston, S.C.

seed from Madagascar (book)

147 L = seed of ♀ parent corn

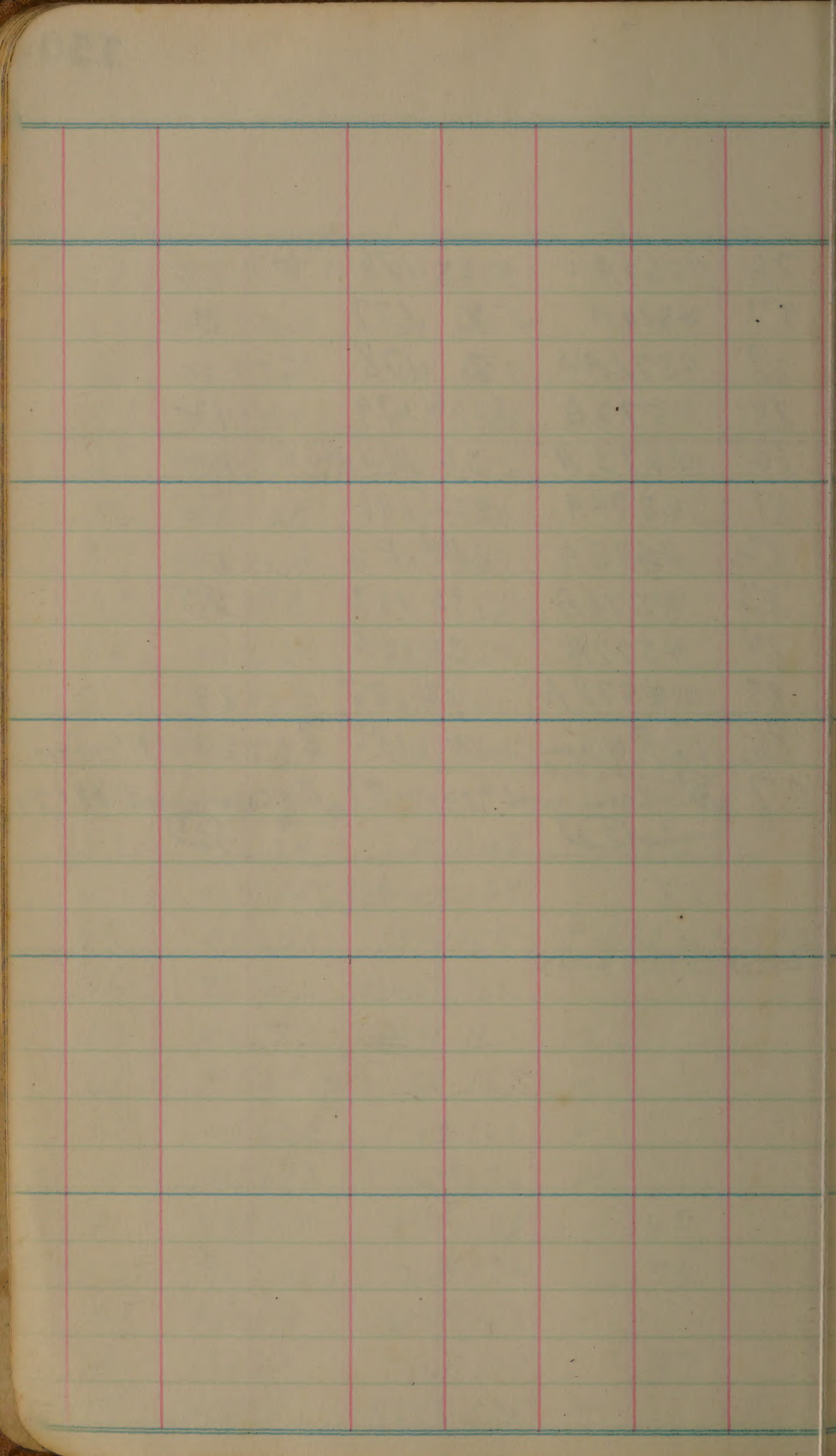
Seed of
♀ Parent
corn
Seed from
plot
not a parent
♂ Parent

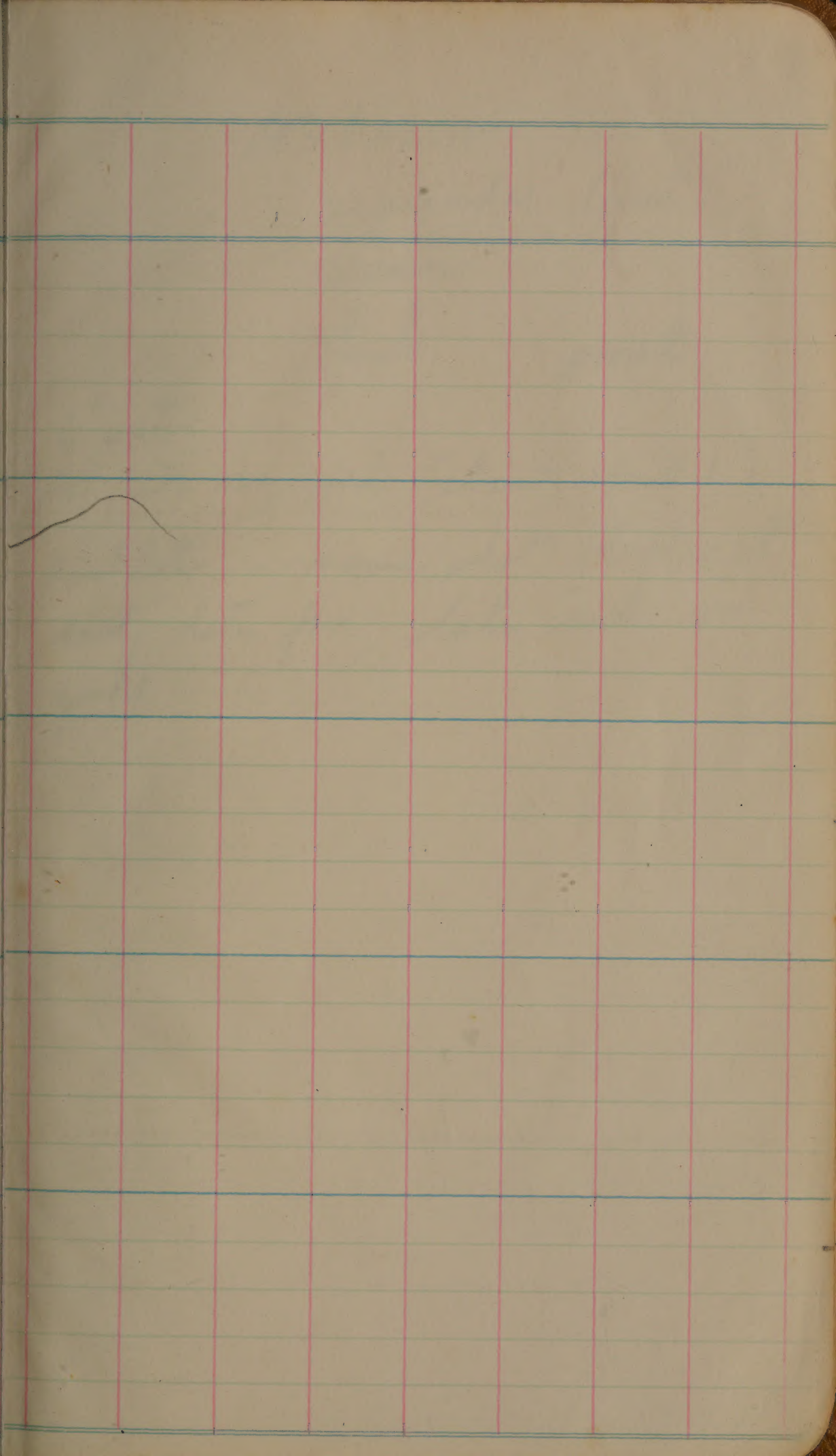
| | | | | | |
|----|---------------|----------------|-----|-----------|----|
| 1 | 451C | | 101 | ✓ | |
| 2 | 451D | | 102 | ✓ | |
| 3 | 451E | | 103 | ✓ | |
| 4 | 451F | | 104 | ♀ of 451A | |
| 5 | 452A | | 105 | ✓ | |
| 6 | 453A | x 49 | 106 | ✓ | |
| 7 | 453C | | 107 | | 33 |
| 8 | 453B | | 108 | | 63 |
| 9 | 454A | | 109 | ✓ | |
| 10 | 454B | | 110 | ✓ | |
| 11 | 454C | | 111 | | 49 |
| 12 | 454D | | 112 | ✓ | |
| 13 | 454E | | 113 | ✓ | |
| 14 | 455A | 54 | 114 | ✓ | |
| 15 | 455B | | 115 | ✓ | |
| 16 | 456A | S-R | 116 | | 48 |
| 17 | 456B | | 117 | | 54 |
| 18 | 457A | R-N | 118 | ✓ | |
| 19 | 458A (1400) x | 33 | 119 | ✓ | |
| 20 | 459A | R-SBR | 120 | ✓ | |
| 21 | 4510A | BT | 121 | ✓ | |
| 22 | 4511A | 54 | 122 | ✓ | |
| 23 | 4512A | BT | 123 | ✓ | |
| 24 | 4513A | R-SBR | 124 | | 56 |
| 25 | 4514A | (4-30)
2216 | 125 | ✓ | |

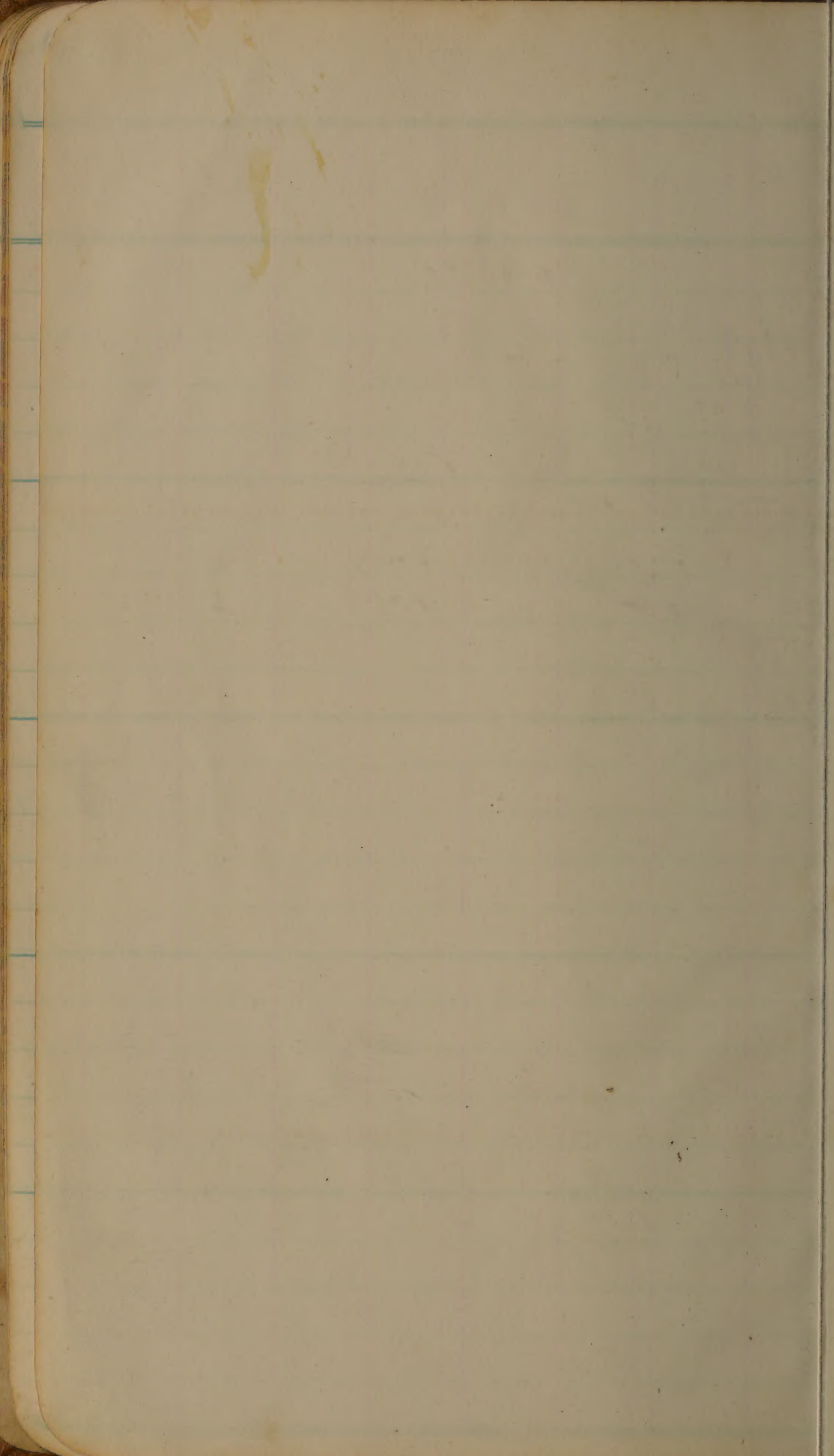
| | | | | Seed of
♀
Parent
sown | Seed of
plot
sown |
|----|-----------------------|----------|-----|--------------------------------|-------------------------|
| 26 | 4515A | R-N | 126 | ✓ | |
| 27 | 4516A | 4-30 | 127 | ✓ | |
| 28 | 4517A | ✓ | 128 | ✓ | |
| 29 | 4519A ¹⁸⁰⁰ | * R-SBR | 129 | ✓ | |
| 30 | 4520A | R-N | 130 | ✓ | |
| 31 | 4521A | 49 | 131 | | 46 |
| 32 | 4522A | BT | 132 | ✓ | |
| 33 | 4523A | Rex | 133 | ✓ | |
| 34 | 4524A | 54 | 134 | ✓ | |
| 35 | 4525A | 33 | 135 | ✓ | |
| 36 | 4526A | 54 | 136 | ✓ | |
| 37 | 4527A | Rex | 137 | ✓ | |
| 38 | 4528A | R-SBR | 138 | ✓ | |
| 39 | 4529A | 49 | 139 | ✓ | |
| 40 | 4530A | Hell mud | 140 | ✓ | |
| 41 | 4531A | R-N | 141 | | 2216 |
| 42 | 4532A | 33 | 142 | ✓ | |
| 43 | 4533A 116x | 270 | 143 | | 2216 |
| 44 | 4534A | 49 | 144 | | 112 |
| 45 | 4535A | BT | 145 | | Hell mud |
| 46 | 4536A | Hell mud | 146 | | 270 |
| 47 | 4537A | R-SBR | 147 | | 116 |
| 48 | 4538A | 54 | 148 | | 39 |
| 49 | 4539A | R-SBR | 149 | | Hell mud |
| 50 | 4540A | Hell mud | 150 | ✓ | |

| | | | | | |
|----|----------------------|------------|-----|---|---|
| 51 | 4541A ¹¹⁶ | 270 | 151 | ✓ | |
| 52 | 4542A | 54 | 152 | | 25 |
| 53 | 4543A | 49 | 153 | ✓ | |
| 54 | 4544A | R-N | 154 | ✓ | |
| 55 | 4545A TPA | x 116 | 155 | | 270 |
| 56 | 4545B | ✓ | 156 | | 116 |
| 57 | 4546A | 270 | 157 | | 33 |
| 58 | 4547A | 33 | 158 | | 79 |
| 59 | 4548A | 33 | 159 | ✓ | |
| 60 | 4549A | 270 | 160 | | 270 |
| 61 | 4550A | 116 | 161 | | 116 |
| 62 | 4552A | 116 | 162 | | 270 |
| 63 | 4553A | 270 | 163 | | 113 |
| 64 | 4554A | Sm 8325 | 164 | | 83 |
| 65 | 4555A | 8326 | 165 | | P listed as 4555A
Parent list prob 4555A |
| 66 | 4556A | Roller 116 | 166 | | |
| 67 | 4557A | BR 41 | 167 | ✓ | |
| 68 | 4559A | BR | 168 | ✓ | |
| 69 | 4560A | 17 | 169 | ✓ | |
| 70 | 4561A | Sm 29 | 170 | ✓ | |
| 71 | 4562A | 8325 | 171 | | 80 |
| 72 | 4564A | 325 | 172 | | 79 |
| 73 | 4565A | 9BR-FXS | 173 | ✓ | |
| 74 | 4566A | 12 | 174 | | 77 |
| 75 | 4567A | 8325 | 175 | ✓ | |

| | | | | | |
|-----|----------------------------|--------|-----|---|-----|
| 76 | 4569A | X 33 | 176 | ✓ | |
| 77 | 4570A | Z | 177 | | 3 |
| 78 | 4571A | Z | 178 | ✓ | |
| 79 | 4572A | 8326 | 179 | | 12 |
| 80 | 4573A | 33 | 180 | | 100 |
| 81 | 4574A | 8325 | 181 | | 78 |
| 82 | 4575A | Billed | 182 | | 100 |
| 83 | 4576A | 33 | 183 | | 85 |
| 84 | 4577A | 33 | 184 | ✓ | |
| 85 | 4578A | 33 | 185 | | 89 |
| 86 | 12 ♂ of cross with #83 | | | | |
| 87 | 1 ♂ of cross with #83 (33) | | | | |
| 186 | ♂ of 43-3089 Cross | | | | |
| 187 | ♂ of cross with 83+79 (33) | | | | |







BR & Rexro

cuprinder (Best)

arsen

check

poor

6" water

1st date very good (about april 1)

2nd date in same plot flooded at
early date fair, later date no
goods

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
Official Business

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WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases

Hill Long 15
" mud 15
W x F 4

1945

Henry M. Beachell

Compliments of
I. D. Robertson & Company
INSURANCE
700 American National Bank Building
Telephone 6232

1945 — Calendar — 1945

JANUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

JULY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

FEBRUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | | | |

AUGUST

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

MARCH

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

SEPTEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | | | | | | |

APRIL

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

OCTOBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

MAY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

NOVEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | |

JUNE

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

DECEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

2m breeding nursery

test tube 1.85 cm in diameter and
inside diameter and 2 cm deep for
16 foot row

17 16

68.00

for best rows

1 1/2 cm = 10

2 cm = 12 foot row

3 cm = 16

18

10

15
4

52

60

Monday, JANUARY 1

1st Day—364 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JANUARY 2

2nd Day—363 days to come

Wednesday, JANUARY 3

3rd Day—362 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, JANUARY 4

4th Day—361 days to come

Friday, JANUARY 5

5th Day—360 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, JANUARY 6

6th Day—359 days to come

Sunday, JANUARY 7

7th Day—358 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, JANUARY 8

8th Day—357 days to come

Tuesday, JANUARY 9

9th Day—356 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, JANUARY 10

10th Day—355 days to come

Thursday, JANUARY 11

11th Day—354 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

annual leave

sick

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, JANUARY 12

12th Day—353 days to come

annual leave

Sick

In P. m. ordered drill
fert. parts from Stagg

Saturday, JANUARY 13

13th Day—352 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, JANUARY 14

14th Day—351 days to come

Monday, JANUARY 15

15th Day—350 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JANUARY 16

16th Day—349 days to come

Wednesday, JANUARY 17

17th Day—348 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Mc Donnell and Dunlap
were down from College Station
Rice Imp. Assn. held
meeting at Station.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, JANUARY 18

18th Day—347 days to come

Cost 381.32

M 293

60

934.32

Winfred

32879

293

muchant

canal

Grant

Stephen

Scap
milk

Galium

Prunus

Friday, JANUARY 19

19th Day—346 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

annual leave

Drove to Houston with
Cap Boyt & Tucker
to attend Texas Cosp Fed.
annual meeting.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, JANUARY 20

20th Day—345 days to come

Called Steenhagen about
Rice Imp. Assn.

A.B. Long spent most of
time Dec 20 - Jan 20
painting farm machinery.

Sunday, JANUARY 21

21st Day—344 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, JANUARY 22

22nd Day—343 days to come

Sick leave

W B threshing paricle
material

Tuesday, JANUARY 23

23rd Day—342 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Sick leave

Byrd (am. Cyanide Co) and
Dr. White (Supt. Ark. Exp. Sta.)
visited station in a.m.

W. B. Threshing pencils

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, JANUARY 24

24th Day—341 days to come

Thursday, JANUARY 25

25th Day—340 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, JANUARY 26

26th Day—339 days to come

Saturday, JANUARY 27

27th Day—338 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, JANUARY 28

28th Day—337 days to come

Monday, JANUARY 29

29th Day—336 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JANUARY 30

30th Day—335 days to come

Wednesday, JANUARY 31

31st Day—334 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

W B Jones left for
Oklahoma in late
P.M.

Mr. King and R. M. Merrill
Deere + Co. Moline, Ill.
called at Station

Fields Mitchell + George
Dishman stopped at Station
to look at Standard tractor

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, FEBRUARY 1

32nd Day—333 days to come

*milled samples for
Campbell Soup Co.*

Friday, FEBRUARY 2

33rd Day—332 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, FEBRUARY 3

34th Day—331 days to come

In PM milled two
sample for Campbell Soup Co.

Sunday, FEBRUARY 4

35th Day—330 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, FEBRUARY 5

36th Day—329 days to come

Morgan et al started
cleaning seed in granary

Tuesday, FEBRUARY 6

37th Day—328 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

cleaned seed in granary

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, FEBRUARY 7

38th Day—327 days to come

Cleaned seed in granary

Thursday, FEBRUARY 8

39th Day—326 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In Crowley.

Saw Cramer, Chilton,
Sturges, Jordan, Jenkins

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, FEBRUARY 9

40th Day—325 days to come

2nd Crowley

Saturday, FEBRUARY 10

41st Day—324 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

W.B. Jones returned from
Oklahoma

got grain drill parts from
Wesley, ordered small fertilizer
parts from Stegg.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, FEBRUARY 11

42nd Day—323 days to come

Monday, FEBRUARY 12

43rd Day—322 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Worked on annual report

Drove to Pt Neches concerning
house for laborer

W Jones started working

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, FEBRUARY 13

44th Day—321 days to come

*Worked on annual
report*

Wednesday, FEBRUARY 14

45th Day—320 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

House from Pt Neches was
delivered in P.M. Boys
started putting it up.

worked on annual report

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, FEBRUARY 15

46th Day—319 days to come

Ordered sheet rock etc
from Gulf Mfg. for
barn for laborer.

Boys put on roof

Drove to Beach garage to
see about power sander

Completed summary annual
report and sent it to
Washington.

Friday, FEBRUARY 16

47th Day—318 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Put up sheet rock on
labna house

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, FEBRUARY 17

48th Day—317 days to come

*Worked on Helms
house all day*

Sunday, FEBRUARY 18

49th Day—316 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Drove to Dayton
with H. Ayford concerning
Bluebonnet seed rice.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, FEBRUARY 19

50th Day—315 days to come

*got ditcher from Beard
Brose.*

Tuesday, FEBRUARY 20

51st Day—314 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, FEBRUARY 21

52nd Day—313 days to come

Thursday, FEBRUARY 22

53rd Day—312 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, FEBRUARY 23

54th Day—311 days to come

Saturday, FEBRUARY 24

55th Day—310 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, FEBRUARY 25

56th Day—309 days to come

Monday, FEBRUARY 26

57th Day—308 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Beard welded wheels on
garden tractor.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, FEBRUARY 27

58th Day—307 days to come

Hauled garden tractor from
Beards' to Mitchell farm.

Wednesday, FEBRUARY 28

59th Day—306 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Took piston from garden
tractor to Simmons Motors,
Ordered parts for same
Took axle to Almstide Mch Works

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, MARCH 1

60th Day—305 days to come

worked on power seeder

Friday, MARCH 2

61st Day—304 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Worked on Power sander
and at Station

got iron from Novell-Wilder

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, MARCH 3

62nd Day—303 days to come

Hauled Fordson tractor
from Willett farm in a.m.

In P.M. Marnie Welding Shop
worked on power sander.

Sunday, MARCH 4

63rd Day—302 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Inspected Wild Rice planting
at La Belle, many seedlings
about 3-4 inches high were
noted where there was no
standing water but soil
very wet.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, MARCH 5

64th Day—301 days to come

Plowed field plot land
+ land at back of Station

2n P M worked at Mame
welding shop.

Tuesday, MARCH 6

65th Day—300 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Called Crowley regarding
land leveling machine.

Leonard Inc.

Minneapolis Moline Agency

Talked to Mr. Kimbberly
Price FOB - Crowley \$297 50

Worked most of day at
welding shop.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, MARCH 7

66th Day—299 days to come

Ran spring tooth
harrow over nursery
area.

Worked on seeding plans,

Thursday, MARCH 8

67th Day—298 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Took truck tires
to be inspected

worked on seeding planch

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, MARCH 9

68th Day—297 days to come

*worked on siding
plane.*

Saturday, MARCH 10

69th Day—296 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

worked on truck tire
certificate & seeding plans

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, MARCH 11

70th Day—295 days to come

*worked all day on seed
at Rice Grains, shop*

Monday, MARCH 12

71st Day—294 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Mrs. Brown, Hucksby,
and Nixon, + Harling from
Soil Conservation called at
Station in Am.

John + Hunter started
spring toting & burning
Hoot land at noon.

Tullis in Washington

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, MARCH 13

72nd Day—293 days to come

Worked on seeding
plans all day.

John worked all day a P.T.

Hunter $\frac{1}{2}$ day

Wednesday, MARCH 14

73rd Day—292 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Worked on seeding plans
all day

John + Jones sprung-
toothed and harrowed on
Hort land

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, MARCH 15

74th Day—291 days to come

Friday, MARCH 16

75th Day—290 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Ran leucis on Hort
land (sunny) all
day

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, MARCH 17

76th Day—289 days to come

Surveyed lines in A.M.
Pushed & plowed in P.M.

Trulls returned from
Washington.

Sunday, MARCH 18

77th Day—288 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Rushed + plowed leucos in
A M.
worked at Sun Shop in
P M on sunder

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, MARCH 19

78th Day—287 days to come

John started plowing with
mold board on extreme north
end of 50. acre block, Jones
started tiller plowing on closer
land

Tuesday, MARCH 20

79th Day—286 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Cleaned seed rice (mountain)
at Station in AM.

Carter - Discard same in
P.M. (Steinhagen Machine)

John Co.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, MARCH 21

80th Day—285 days to come

cleaned, received at Stinson's
Meeting at Cant House
in P.M.

Thursday, MARCH 22

81st Day—284 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Worked on sugar at
Rice grove all day
John & Jones worked at P.I.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, MARCH 23

82nd Day—283 days to come

Worked on seeds at
the greenhouses all day

Boys worked on north 50 acre
block,

Saturday, MARCH 24

83rd Day—282 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Worked on cedar all day
Boys worked on North 50
acres in am.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, MARCH 25

84th Day—281 days to come

Worked on seeding plans
most of day, Jackson to
Q2.

Monday, MARCH 26

85th Day—280 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Started seeding T. P. Sel.
at P. I. Had $9\frac{1}{2}$ acre of
head-row seed (sel A+B) on extreme
north end of block.

Had 4 sacks from Hamilton block
Used 5 " from Sila Farm on
Monday. Drill Settings

| | left | right |
|---------------------|------|-------|
| Set. feet. on: | 17 | 17 |
| grain feed on | 20 | 22 |
| Head row block feet | 20 | 20 |
| grain | 2.2 | 2.4 |

acre measure at start of TP
field was between 16 + 32
on $2\frac{3}{4}$

seeded T P head row block
used parcels from sel B (44-164)
4001 to 4414

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, MARCH 27

86th Day—279 days to come

4P

16

64

16

89

34 ex

75

21

96

one Runis worked for Wyzch

Drill setting at start of Bluebonnet field
between $32 + 48$ on large dial and $6\frac{3}{4}$ on
small.

Fertilizer for Bluebonnet seed for Bluebonnet

| | | | |
|------|----|----|----------|
| 27th | 35 | 12 | 10x to 6 |
| 28th | 40 | 10 | 10x to 7 |
| 28th | 20 | 15 | |

95 left
12 left
83 ex

37 left
3 left
34 ex

at end of Bluebonnet field = 96 and 112
on large dial and $7\frac{1}{2}$ on small

Seeded with large drill $64\frac{3}{4}$ acres

9 ex seed left - 12 fertilizer

Wednesday, MARCH 28

87th Day—278 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Drill setting on Bluebonnet—
 South-end, up to south gate at Canal.
 L R
 drill set at 20 — 24
 north of this point 22 — 26

Used 9 sq seed + 33 sq feet on $20\frac{3}{4}$ A
 at this point drill making between 48-52 + $11\frac{1}{2}$

Joe Davis work

37
 18
 —
 55
 20

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, MARCH 29

88th Day—277 days to come

B347B40-9, = 23[#] from increase
 block and 44[#] from variety test
 Total = 67[#] (2 blocks and
 small triangle north of 3rd block)

Bluebonnet, field plot seed = 50[#]
 3 blocks in all ~~just~~ just south
 of Bluebonnet head row block.

Completed seeding Bluebonnet
 block, plowed and pushed
 lines.

Jo Davis worked

Friday, MARCH 30

89th Day—276 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Plowed drains in Bluebonnet field, repushed most of devices ahead of rain of about $\frac{1}{2}$ inch.

In P.M. went by acan. and at night made plunger for seeder motor.

Evertons arrived from Austin

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, MARCH 31

90th Day—275 days to come

In Am worked at assn
on sieder.

In P.M. Took Pick up to
the garage.

Sunday, APRIL 1

91st Day—274 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, APRIL 2

92nd Day—273 days to come

Took Jones to town for rubber boots
In A.M. worked at assay

In P.M. plowed drains at

P.I.

Tuesday, APRIL 3

93rd Day—272 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, APRIL 4

94th Day—271 days to come

*Brought nursery power-
seeder from Asen to Station*

Thursday, APRIL 5

95th Day—270 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, APRIL 6

96th Day—269 days to come

Saturday, APRIL 7

97th Day—268 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Worked all day on yield
nursery sowing plans.
In PM measured out
samples.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, APRIL 8

98th Day—267 days to come

Monday, APRIL 9

99th Day—266 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Completed measuring
up seed for adv. field
nursery. John brought
case back from P.T.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Tuesday, APRIL 10

100th Day—265 days to come

In A.M. worked on seeding
plans and trip to Assn.

In P.M. graded and pushed
lines on test at P.I.

T.P. at P.I. was about 50%
emerged, 1st emerged on 7th.

Bluebonnet where rolled about 1
day behind T.P. where not
rolled was 1st emerged on
April 11

T.P. fully emerged by April 13
Bluebonnet showed about $\frac{1}{2}$
stand on April 18th

Wednesday, APRIL 11

101st Day—264 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In am borrowed plow from
Dickman's and repushed lines
on test at P.I.

In PM John plowed border
line at P.I., worked on power
seder

Hunter sprung toothed
7. plot & yield survey across

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Thursday, APRIL 12

102nd Day—263 days to come

In a.m. repushed
levees at P.I. In P.M.
worked on seeding plans.

Friday, APRIL 13

103rd Day—262 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In A.M. calibrated
power-seeder & mixed
fertilizer
~~to~~

In late P.M. started seeding
yield nursery. Fertilized
with approximately 200^{lbs}
per acre of equal parts
Anm. sulphate & bonemeal.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, APRIL 14

104th Day—261 days to come

*Completed seeding yield
nursery*

Sunday, APRIL 15

105th Day—260 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Hauled cultipacker to station
from Rice grove asen. and
packed nursery twice

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Monday, APRIL 16

106th Day—259 days to come

In A.M. got seed &
fertilizer ready for Denver
tests.

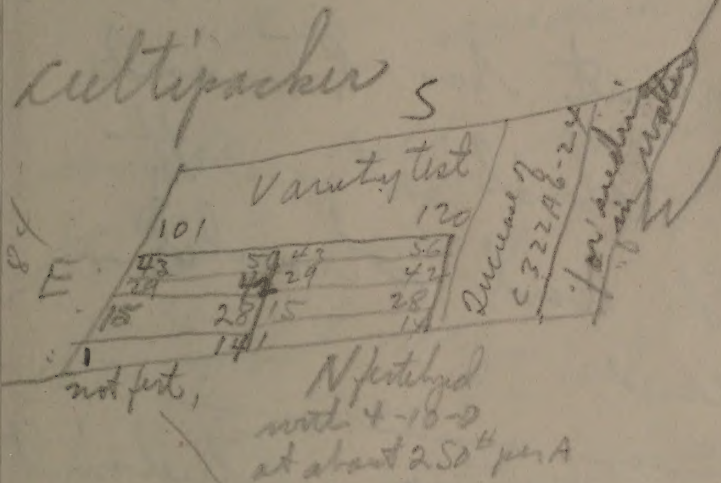
In P.M. drove to Denver
and started seeding seed-
treatment and variety tests.

Tuesday, APRIL 17

107th Day—258 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In A.M. drove to Peres
to complete seedling variety
test. Test was rolled with
cultipacker 5



16
6
96

Seed treatment tests

Variety test fertylized with SA-bonemeal
mixture at about 200# per A

In P.M. looked over Bluebonnet field at
P.I. appeared to have about 1/2 stand
with many seedlings not emerged
due to crusting. T.P. growing
very rapidly + up to a perfect stand
made application for new truck
tire.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, APRIL 18

108th Day—257 days to come

In Am. got single nuss.
plots bulk hybrids + glut var.
test ready for sowing.

In P.M. went to P.I. and
cleared out lateral at north
end of field and shouldered
low places.

Ceiling price on Bluebonnet
was approved

Thursday, APRIL 19

109th Day—256 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In a.m. drove to P.I.
and sowed seed-treatment
experiments, 1

In P.M. sowed most of
single yield nursery.
Started watering T.P.s

Bluebonnet seed
Location P.I. lot

| | | | | | |
|-------------------------------|-------------|--------------------|----|-------------|---------------------|
| Variety and
treatment test | 1
↓
9 | Location West Road | | not
sown | Breeding
nursery |
| | | 14 | 1 | | |
| | | 28 | 15 | | |
| | | 42 | 29 | | |
| | | 56 | 43 | | |
| lance | | | | | |

at 250 ft per A

4-10-0 at 2.50 pm A

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, APRIL 20

110th Day—255 days to come

In a.m. completed sowing
single yield nursery plots
and pushed hoes in
adv. nursery

In p.m. drove to a.m.

A rain of almost 4 inches
completely flooded land on
Station and at Pine Island

Saturday, APRIL 21

111th Day—254 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Rained most of day
Put polisher together in a.m.
2nd P.M. worked at P.O. on
manuscripts, etc.

Yield nursery plots 1st
emerged today, a few
seedlings were up on 20th
Fully emerged April 25th

Single yield plots 1st emerged
April 27, Full May 2

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, APRIL 22

112th Day—253 days to come

Monday, APRIL 23

113th Day—252 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

In a.m. drained expts at
Pine Island. Water down
on all blocks - except large
test in Bluebonnet field.

Sied Treatment block on T.P.
field at R.I. was flooded on
April 20th by heavy rain
and still had a shallow
flood on April 23. Was
dammed up to hold a flood
of from $\frac{1}{2}$ to 3 or 4 inches
over most of area.

Drove by Law. Mill for
Carburetor repairs for
power seeder

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, APRIL 24

114th Day—251 days to come

In P.M. put ditches in
Tullis. P.I. expt with tractor
and completed draining
same.

Wednesday, APRIL 25

115th Day—250 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

2nd P.M. took power
sawyer to aspen for
repairs

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, APRIL 26

116th Day—249 days to come

Worked at assn on
power seeder, and other
things

Friday, APRIL 27

117th Day—248 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Worked at assen an sud
treatment machine

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, APRIL 28

118th Day—247 days to come

*Worked at aspen on seed
treatment machine*

Sunday, APRIL 29

119th Day—246 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, APRIL 30

120th Day—245 days to come

Brought pome seeds from
Rice Growers to Station.

Pushed lenses in gold mine.

Worked on seeding plane

Tuesday, MAY 1

121st Day—244 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Worked on seeding plane
Tullis treated seed rice at
asen.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, MAY 2

122nd Day—243 days to come

Have 73 pounds seed of 321B40-3
 RxD for seeding at Mitchell's.

| | R | L |
|--------------|----|----|
| set drill on | 18 | 20 |
| Test on | ? | ? |

Started to seed seed treatment
 test on Mitchell farm but was
 rained out.

most

Thursday, MAY 3

123rd Day—242 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In am, seeded seed treatment
expt on Mitchell farm.

Tullis disease expt set at 200 ^{# per A using 10-10-5} _{at other}

In PM seeded Tullis
disease expt on Station
and started pushing leaves.

Mitchell Experimental block

North

| Variety | # | fert. treat |
|--------------|----|-------------|
| 6 rows O.C. | 14 | Sud. 1 |
| 6 rows A.S. | 28 | test 15 |
| 6 rows Bone | 42 | 29 |
| 6 rows Musc. | 56 | 43 |

R x D flavored sil.

South

T.P. Sel A

150 #
4 cu ft.

150 # AS - Bone meal mix

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Friday, MAY 4

124th Day—241 days to come

In A M completed
pushing fences on Trullis
disease expt. on Station

In P M seeded breeding
nursery

Mitchells' seeded R x D & T Paul.

Monday, MAY 7

127th Day—238 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

West Row block Smoothhull
Dechman farm

La Belle Texas 30 ft not sown

| | | |
|--------|--------|----------|
| North | 6 rows | # 2 seed |
| Bonome | 6 " | # 1 seed |
| seed | 6 " | # 2 " |
| test | 6 " | # 1 " |

| | | |
|---|--------|--------|
| 8 | 6 rows | must |
| 7 | 6 " | A.S. |
| 6 | 6 " | Bonome |

Test 4 6" not put

| | | |
|-------|-------|---------|
| Texas | 5 6 " | A.S. |
| Patma | 6 6 " | not put |
| 2 | 7 6 " | must |
| 8 | 6 6 " | Bonome |

| | | |
|----|---------|----|
| 56 | 10-10-0 | 43 |
| 42 | 20-10-0 | 29 |
| 28 | 10-10-0 | 15 |
| 14 | 10-10-0 | 1 |

Seeded Smoothhull block on Dechman farm + Oriental varieties on Station and seed treatment + put test at La Belle

S

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, MAY 8

128th Day—237 days to come

*Seeded Rel Survival + Fresh
nurseries also F2 populations*

Wednesday, MAY 9

129th Day—236 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Seded bulk hybrid plots
pushed lenses and rolled
nurseries just planted.

P.W.'s worked on lenses for
Tullia

Cap Bayt brought
reporters to station in P.M.
Harling called at station

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, MAY 10

130th Day—235 days to come

Completed running fences
in nursery

P W & S worked all day
attended Soil Conservation
meeting in am at Court House

Started watering Bluebonnet
& T P at pine Island.

Took truck to repair
ship (dia-T)

Friday, MAY 11

131st Day—234 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Curly Frank moved into
labours house

Took

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, MAY 12

132nd Day—233 days to come

T P at Pine Island

Completely watered in A.M.

Passably $\frac{1}{2}$ of Bluebonnet
field watered.

Carter's Disc was received
from Hart-Carter Co.

Curly Frank started
working

Sunday, MAY 13

133rd Day—232 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

John worked all day

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, MAY 14

134th Day—231 days to come

Tuesday, MAY 15

135th Day—230 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

McCall, Carnott, Jones
and, Mc Donnell here
for conference.

Rained Tuesday night
about 1 inch.

Rice planted during past 2
weeks was about 50%
emerged and badly in need
of water.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, MAY 16

136th Day—229 days to come

Conference with rice
man at station

Thursday, MAY 17

137th Day—228 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Drained yield nursery
plots.

Men from College Station
and Washington left
Beaumont.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Friday, MAY 18

138th Day—227 days to come

attended SCS meeting
in A.M.

Worked on annual rpt
in P.M.

Saturday, MAY 19

139th Day—226 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Worked on annual rpt
all day

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, MAY 20

140th Day—225 days to come

Monday, MAY 21

141st Day—224 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

mixed am sulph and
flour for field plots
100[#] am sul. and 10[#] flour
mixed 2 batches

Treated seed for field plots
4 pounds seed and 5 gms
arosan

Worked up seedling plan
for same,

Harrowed land 3 ways
using pipe harrow with
drag-harrow fastened behind.

Curly did not work

Showers in P.M., worked at P.O.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Tuesday, MAY 22

142nd Day—223 days to come

Worked on annual report
in a.m. Lunch with
Chamorro (Mcargua). 2 p.m.
at Station.

T.P. and others rice at
Mitchell farm up to a good
stand.

Rice soon north of yield
musey 1st emerged May 12
75 90 emerged May 23
Full emerged May 25

Saw 7 B 2 man about
electric fan stolen from
rice growers warehouse.

Wednesday, MAY 23

143rd Day—222 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

In a.m. made trip
to Spindletop area with
Comstock. In p.m.
Bill cleaned ^{up} samples for
Chamara (Niagara) and
321341-20 for Comstock.
gave Comstock 60 gms Arasan
for sorghum seed (100# sack)
Took truck to Giles and
got garden tractor repair
parts ordered on April 19th
Deucette drained most of
water from seed treatment
block in P.M.

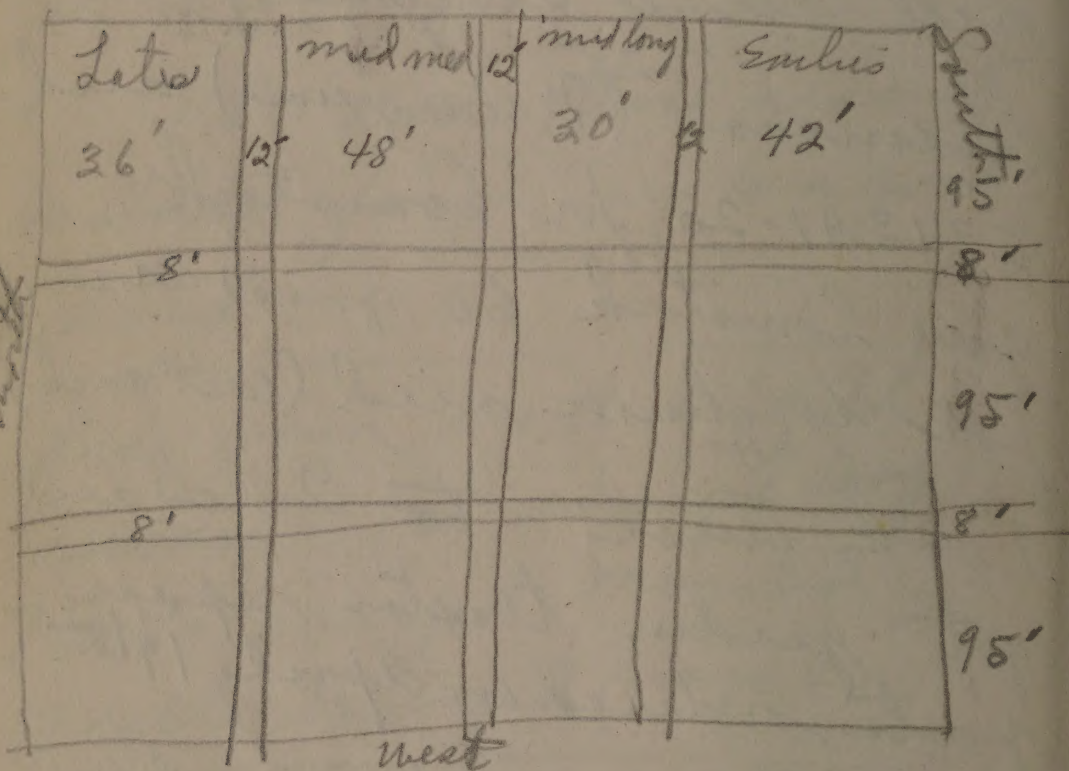
| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, MAY 24

144th Day—221 days to come

Started sowing Field plots
just before noon. 3 plots sown.

Laid off blocks as follows.
East.



Friday, MAY 25

145th Day—220 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Setting 7 fertilizers for field plots
4th mark gave $250^{\#}$ per A of S.A.
($280^{\#}$ including flour) 1st series

2nd series 3rd mark gave $213^{\#}$
per acre ($236^{\#}$ including flour)

3rd series used Bone meal-S A
mixture set on 3rd mark.
20 about $250^{\#}$ per A

for various fertilizer tests.

1st mark = $150^{\#}$ Bone meal or
SA-Bone meal mixture

2nd mark = $165^{\#}$ SA & flour mixture

John started working north
block of Hort land, tiller
plowing & harrowing

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, MAY 26

146th Day—219 days to come

Norman here.

Started discharging Hart block.

*Drained (started) T. Patux and
Bluebonnet at P.I.*

Sunday, MAY 27

147th Day—218 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

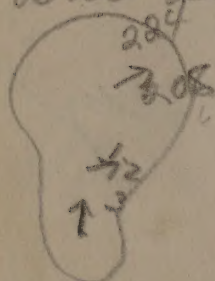
John worked all day

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, MAY 28

148th Day—217 days to come

Drill deal at start of Bt field



seed $L = 26$ $R = 28$
 feet 20 20

16
 3

 48
 9

 57

at end of field was between $250 \pm 1/6$
 10 & 11 & small band straight up

Total in field = 57 acres

Started seeding Bluebonnet on
 best land (north block)

Tuesday, MAY 29

149th Day—216 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

completed seeding Bluebonnet
field and started seeding Anson

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Wednesday, MAY 30

150th Day—215 days to come

Ran fences on Bluebonnet
field

Tullis, et al completed
sowing Quon + P326.

Texas Patua et PI was completely
drained and starting to crack.

Bluebonnet about 1 day or possibly
2 behind TP field

7 field plots 1st emerged on 30th
sown on 24th + 25th

July emerged June 2

Thursday, MAY 31

151st Day—214 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

5131 not a sel (is 67)

2nd a.m. worked off lines.

John got plow & push
from Dishmans & plowed &
pushed lines 1 time.

Started seedling nursery
expts. at P.I.

Set fertilizer on 4th mark
for all expts. and used
4-12-4

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Friday, JUNE 1

152nd Day—213 days to come

Completed sowing Breeding etc.
material at P.I. all breeding
nursery rows were sown with only
1 fertilizer spout working (right
spout dropped very little fertilizer)

Johns completed plowing &
pushing lines second time

area depth of planting exp
at east end of 3rd block from south
3 row plots running north-south
east

| | | | |
|--------|------|---------|-------------|
| 3 rows | main | shallow | not treated |
| 2 | " | " | Cuproside |
| 3 | " | deep | not treated |
| 2 | " | deep | Cuproside |
| 3 | " | deep | Arson |

Started flooding Tullis exp on
Station.

River bottom land must, will apply to G. Coast, river bottom lands at College Station.
Outlying expts. on outstanding illustration of advancement
case of TR/A vs. building a well rounded research plant & program

MATAGORDA COUNTY RICE FARMER'S FIELD DAY

Sponsored by

Matagorda County Rice Farmers Assn.
The Gulf Coast Water Company

The County Agent
Texas Rice Experiment Station

PROGRAM

Begins 9:30 A.M. August 5, 1948

LeTulle Park (2 miles West of Bay City)

or

(Fair Grounds in case of rain)

- U.S. D.A. (BPTSAE)*
General program
Project program
Engineering
new traps
for farming
LeTulle Park
Texas 10 project
ag. research support
and material
2-25 program
05:00 - 07:00 in Texas
00 to 5:00 sound research
program
- 9:30 Fellowship and get acquainted
 - 10:00 Welcome—John A. Huebner, Chairman *President of newly formed Matagorda Rice F. Assoc.*
 - 10:05 Objects of Meeting—John E. Hutchison, Matagorda County Agent
 - 10:10 Remarks—S. Whitsett, District Agent, Extension Service
 - 10:15 A Coordinated Research Program For the Gulf Coast—
Dr. R. D. Lewis, Director Texas Experiment Station.
 - 10:35 The L. C. R. A. Program—Max Starcke, General Manager L.C.R.A.
 - 11:00 Things A Rice Farmer Should Know about Soil Chemistry—
Dr. L. C. Kapp—Soil Scientist Agronomy Department A.&M.
College.
 - 11:25 Improved Rice Production Program—L. C. Carter, General Manager Arkansas Rice Farmers Cooperation.
 - 12:00 Barbecue
 - 1:10 Address—J. Walter Hammond—President Texas Farm Bureau.
 - 1:30 Field Trip to Outfield Demonstration with Rice Fertilizers and Varieties.

Mr. R. H. Wyche, Rice Fertilizers

H. M. Beachell, Rice Varieties

Dr. E. C. Tullis, Seed Treatment and Rice Diseases. These men in charge of Field Trip.

1000 to first year, another increase again the year in
in common fertilizer use. Duteluna

(3) Explained the S & M College setup.

1. Teaching

2. Research

3. Integrative, connecting link between farmers
and research agencies.

(4) 1. Existing problems of the day & harmful
2. Future problems
also with funds, fac. & men available
forming a complex problem ^{from a standpoint} deal with
weather, climate
soils
plants with diff growth characters
Livestock
men

grub coat is larger than state
funds per unit area is exceedingly small
per unit area

Rice section

cotton

frag grasses & legumes

Interrelation of the crops & system of

drainage & use of water
soil managements for rice and
how to go from rice to a highly constructed
frag crop.

Livestock population is much high
per unit area. quality of forage low.
Livestock diseases & parasites very high
(Angelton station)
Improvement of livestock
Tick control by T.A.E.S. Frances
an Ecuadorian Control

Flooded field plot test

• Saturday, JUNE 2

4
5 789
6

153rd Day—212 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

1/500 A = 6' x 14.5'

seeded Rovers "Seedling in Water",
expt in p.m. Seed soaked 24 hrs.

north

| | |
|--------------|--------------|
| 1 Z - Cu | 13 Z - L |
| 2 BT - Cu | 14 BT - CS |
| 3 BR - Cu | 15 BR - CS |
| 4 Z - L | 16 BR - L |
| 5 BT - L | 17 BR - Cu |
| 6 BR - L | 18 Z - CS |
| 7 Z - Thio | 19 BT - L |
| 8 BT - Thio | 20 BR - Thio |
| 9 BR - Thio | 21 Z - Thio |
| 10 Z - CS | 22 BT - Cu |
| 11 BT - CS | 23 BT - Thio |
| 12 BR - CS | 24 Z - Cu |
| 25 BT - L | 36 Z - CS |
| 26 BT - Thio | 35 Z - Thio |
| 27 BT - CS | 34 BR - CS |
| 28 BR - Thio | 33 BR - L |

east

Cu
29
BT
BR
30

Cu
32
Z
Z
31

south

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Sunday, JUNE 3

154th Day—211 days to come

Seeding ordy Denver Expt
method of seeding test

Cu Zenith 1, 24, 32
Bt 2, 22, 29
BR 3, 17, 30

Control Zenith 4, 18, 31
Bt 5, 19, 25
BR 6, 16, 33

Thurston Zenith 7, 21, 35
Bt 8, 23, 26
BR 9, 20, 28

Copperdipht Zenith 10, 18, 36
Bt 11, 14, 27
BR 12, 15, 34

Monday, JUNE 4

155th Day—210 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

A rain of about $\frac{3}{4}$ inch or
more at P.I. on rice just
planted. Some of rice had
already emerged from soil.

Completed flooding field plots

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, JUNE 5

156th Day—209 days to come

, 46 pounds 5A-Bonomeal
applied to each 40 ft of 2
unfertilized pair of rows in field
nursery.

Re pushed all lines in nursery

In P.M. drove to P.I. + decided
to flush north field, South
fields fairly well done out.

Wednesday, JUNE 6

157th Day—208 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Trip to Denver to check on rice
planted in water. Most grains had
good sprouts showing (both roots & shoot)
were about $\frac{1}{4}$ " long. Untreated plots
were possibly showing a few more
diseased grains than treated (P). Black-
birds, or some other pest had
eaten a number of seeds of treated
& untreated material, quite serious
on some plots.

Water turned on Wed a.m.
to start flushing North Blubornet
field.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Thursday, JUNE 7

158th Day—207 days to come

In am. got broadcaster
ready for applying Cyanamide
to Bluebonnet & TP corn early.
Started operation in P.M.

Set broadcaster on 2nd from
smallest hole and with Farmall
wide open applied 115th per Acre
5.7 pounds from 8 holes 5 45 ft long
Fertilized north half of Bluebonnet
field with tractor wide open & south
with tractor slowed 1 & 2 notches.
TP field with tractor slowed
1 notch. One notch means 1st
notch that tractor speed is definitely
retarded (actually 2 or 3)

Friday, JUNE 8

159th Day—206 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Used 17 sz Cyanamide on TP
field. Was unable to fertilize
south east corner; possibly 1 or 2 acres
account too wet.

Used 67 sz on Bluebonnet (south)
field. 82 $\frac{3}{4}$ acres

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Saturday, JUNE 9

160th Day—205 days to come

completed flushing north
Bluebonnet field about noon and
started water on south field (north
canal) in am.
completed applying
cyanamide in P.M.

P.W.'s cleared irrigation canal
to Station.

Sunday, JUNE 10

161st Day—204 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, JUNE 11

162nd Day—203 days to come

Spurke started work.

Started flooding nursery (north & south acres) Area completely flooded by heavy rains Wednesday morning.

Field plots still flooded, Have been kept flooded to a depth of about 2-3 inches most of time. Rice is growing very fast and has very dark green color. Looks very good.

Tuesday, JUNE 12

163rd Day—202 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Worked most of day with Taylor,
De Rose et al. Rained most of
day. North Bluebonnet field 75%
emerged, & very well drained.

Worked on annual rpt.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Wednesday, JUNE 13

164th Day—201 days to come

~~collected seed pods~~

~~Samples of *Regulus* & Bluebonnet, ^{on the} ~~to the~~~~

~~Put samples in cold storage~~

~~mail rice for Jones~~

~~write J.W. at station, send newspaper story~~

~~Find mileage, bond report & L.A. expand~~

~~Take Mitchell & Robinson equipment home~~

~~Trip to Denver.~~

~~Complete annual report~~

~~check with T. Ellis re payment of labor~~

~~Tell Sparks about watering rice~~

~~get field back in shape for June.~~

~~Stamper~~

Very heavy rains, completely
flooding station.

Pine Island fields fairly well flooded
up from heavy rains. Field just
soon flooded at north end only.

Thursday, JUNE 14

165th Day—200 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Printing white

45,000

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Friday, JUNE 15

166th Day—199 days to come

attended editing committee meeting at Conko's office, Put 1944 crop samples in cold storage sent annual report to Jones and to Biggs. Wrote for annual leave and for WPB form for shot-gun shells.

Bluebonnet field at north (Hartland) still very muddy but all drained, except a few low spots. Rice fully emerged. Some muscans in some barnyard beginning to come up in places. Goat-mixed bed at north east end.

Burnsaker got Biggs & Stratten motor at Station.

Saturday, JUNE 16

167th Day—198 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Call Stembogen
Samples Magnolia for Hig
Call Sue
Write Jones

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, JUNE 17

168th Day—197 days to come

Monday, JUNE 18

169th Day—196 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

annual leave started

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JUNE 19

170th Day—195 days to come

Wednesday, JUNE 20

171st Day—194 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, JUNE 21

172nd Day—193 days to come

Friday, JUNE 22

173rd Day—192 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, JUNE 23

174th Day—191 days to come

Sunday, JUNE 24

175th Day—190 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, JUNE 25

176th Day—189 days to come

Tuesday, JUNE 26

177th Day—188 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

*Started watering lake soon
Bluebonnet at P.I.*

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, JUNE 27

178th Day—187 days to come

Thursday, JUNE 28

179th Day—186 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, JUNE 29

180th Day—185 days to come

Saturday, JUNE 30

181st Day—184 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

last day annual leave

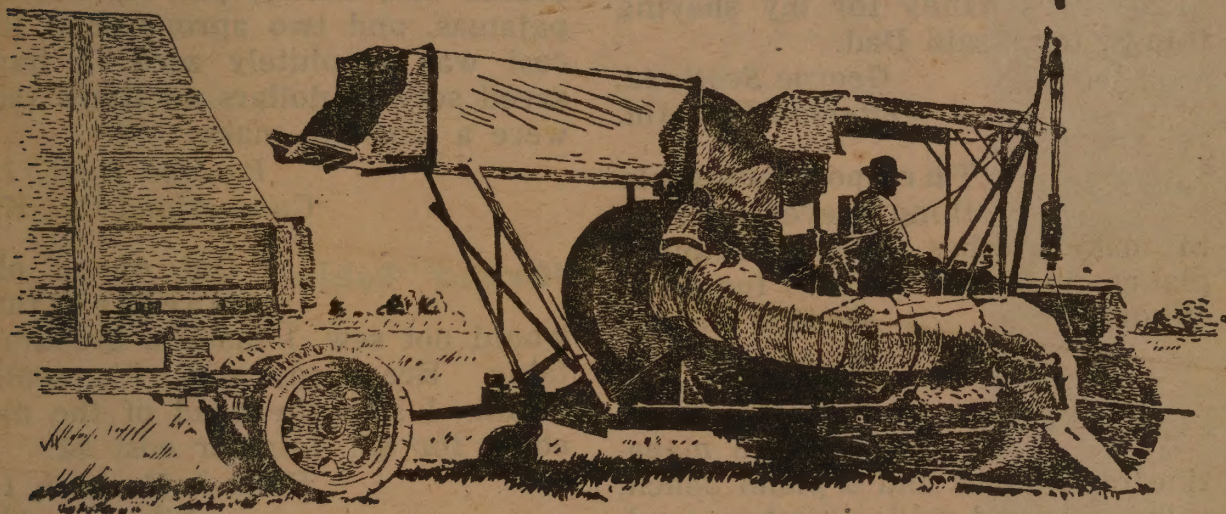
| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, JULY 1

182nd Day—183 days to come

the spray mix is
has been completely controlled,
he has marketed 100% of his pear crop
this year. can any

Stubble "Harvested" with Vacuum Sweeper



Ladino seed worth \$38,000 was salvaged last year from stubble fields *after* harvest by George Fiack, Glenn County California farmer. He did it with a tractor-driven vacuum sweeper. With a three point suspension, Fiack hung an ABC fan on the rear of his TD9 tractor . . . and dropped a 6-ft. sweep from the fan. Reversing the fan caused a tremendous suction that re-harvested the fields . . . saved seed worth \$38,000 from going to waste. A tight-boxed trailer on rubber caught the material.

ping. The rest is scrap material off the farm—clay, sand, lumber, and four large posts. *Frances Raines, Union Co., Miss.*

Cabinet From a dime-store mirror, a pair of hinges, and an apple box I made a medicine cabinet. Then I got some old scrap glass, cut three shelves, cut little grooves for them to slide in, and then painted with white enamel. Total cost, about \$1.20. "It's handy for my shaving things, too," said Dad.

*George Scott, 12,
Jefferson Co., Ala.*

Made Toys The most enjoyable thing I ever did was to make clothes, necklaces, dolls, planes, and other articles for small children.

*Geneva Killian,
Miller Co., Ark.*

\$12.25 Profit Last school season I made two magazine rack tables and a piano bench, using pine and poplar lumber, sandpaper, shellac, and varnish. The two tables cost me about \$3. I sold them for \$5 each. The piano bench cost me about \$1.75. My sister bought it for \$7.

*Preston White, 15,
Baldwin Co., Ala.*

Christmas Toys Last Christmas I made toys for my small brothers from scraps of wood, old crates, etc. I patterned them after pictures in catalogs. There was a train with engine, boxcar, oil tank, flat car and caboose;

Lawn Chairs From scrap lumber I made lawn chairs. I used 50 cents worth of paint on them.

*Maude Gann, 22,
Jefferson Co., Tenn.*

"Scrap" Dollars Exit scarcity enter scrapbag! During the summer I made a blouse front, pair of house slippers, purse, beanie hat, halter, pair of shortie pajamas, and two aprons—and the cost was absolutely zero. I have saved several dollars on items that were a cinch to make.

*Pauline Dyer, 18,
Cumberland Co., Ky.*

"Grand" Table Out of an old machine that would not sew, I made a breakfast table. Everybody says it's really grand. I sold the head of the machine for \$5. Lumber cost \$2.

*Edna J. Howard, 11,
Pike Co., Ala.*

Bottoms Chairs Our porch chairs were almost "bottomless" and new chairs were not to be bought. While spending a week at Boy Scout camp, I learned to bottom chairs. I brought back enough fiber splint to bottom one chair and got busy. What a difference a good bottom made in the appearance and the comfort of the chair! Encouraged by the family I next got enough fiber rush from the home agent to fix another. Cost of material, about 95

Monday, JULY 2

183rd Day—182 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Drained field plots

Dr. Reynolds visited Station

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JULY 3

184th Day—181 days to come

Wyche, Boyd & Dickman went
to College Station.

Wednesday, JULY 4

185th Day—180 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Federal checks for hay
came in on 3rd.

Curley's check = \$52.81
Morgan =
Dusset =

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, JULY 5

186th Day—179 days to come

Friday, JULY 6

187th Day—178 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Started draining yield
musey & breeding musey
(all last weeks & early adv.
yield blocks)

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, JULY 7

188th Day—177 days to come

[Faint, illegible handwriting visible through the paper]

Sunday, JULY 8

189th Day—176 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Macrel fishing in Gulf.

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Monday, JULY 9

190th Day—175 days to come

Trip to home area to look
over Joe Ritter early Bell
rice with Gauss.

Tuesday, JULY 10

191st Day—174 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Put out stakes on field plots &
started hoeing some

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, JULY 11

192nd Day—173 days to come

Worked on field plots in A.M.

Planted cross seeds
in greenhouse

| | | | |
|----|------|--------------|----|
| 6 | 441A | 5138 x 4311A | 6 |
| 25 | 441A | 5138 x 4311A | 25 |
| 8 | 442A | 432A1 x 5132 | |
| 20 | 443A | 432A1 x 2052 | |

Thursday, JULY 12

193rd Day—172 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, JULY 13

194th Day—171 days to come

Saturday, JULY 14

195th Day—170 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Thelma Thihodeau \$60⁰⁰
paid by R.H. Wyche
June 30 through July 14

Curly Frank paid \$52.81 for
June 16-30 by Rici Dup arren

$$\begin{array}{r} 15 \\ 4 \overline{) 60} \\ \underline{40} \\ 20 \end{array}$$

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, JULY 15

196th Day—169 days to come

Monday, JULY 16

197th Day—168 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Put out nursery stakes
and waxed some

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, JULY 17

198th Day—167 days to come

Byrd & Lums called
Cyanide Perm

at Station

Wednesday, JULY 18

199th Day—166 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Trip to Bay City

| | | |
|-------------|-------|-------|
| Ln Bunt | 6:30 | 51702 |
| | 8:00 | 158 |
| an Bay City | 10:55 | 51860 |
| | | 152 |

| | | |
|-------------|------|------------------|
| Ln Bay City | 2:10 | 52012 |
| an Bunt | 8:05 | 52012 |

Started draining late
Bluebonnet field

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, JULY 19

200th Day—165 days to come

returned from Bay City

Friday, JULY 20

201st Day—164 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Had field & nursery plots

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, JULY 21

202nd Day—163 days to come

Saed nursery plots

Sunday, JULY 22 •

203rd Day—162 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

• Monday, JULY 23

204th Day—161 days to come

Flooded yield nursery (all the
earlies which were not drained)

Water was about all gone from
early blocks but ground still
very moist.

Nursery had been drained on 6th

Trip to Rome & Levers to
see rice varieties.

Tuesday, JULY 24

205th Day—160 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Stungis, Morgan, + danned
Potter
Dressed at noon.

Chickens mated

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, JULY 25

206th Day—159 days to come

Flooded field plots had
been drained on July 2.

Thursday, JULY 26

207th Day—158 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Rained P.M. Bluebonnet
all day. Field is just
commencing to head.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, JULY 27

208th Day—157 days to come

Rained P.I. Bluebonnet in am
Inspected Wall form in
P.M.

Late sown Bluebonnet fairly
well dried out except for
north cuts of Anson which
are still quite sticky.

Saturday, JULY 28

209th Day—156 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, JULY 29

210th Day—155 days to come

Monday, JULY 30

211th Day—154 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Started fertilizing late
sown Bluebonnet field
with Cyanamide.

Started watering above
field at noon

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Tuesday, JULY 31

212th Day—153 days to come

completed fertilizing late sown
Bluebonnet field in PM

make trip with Bryan
and Funchess in PM

Thelisma Thelodaux
17 days @ 4⁰⁰ per day

from July 14 to 31 incl - 68⁰⁰

also ck for 8/60⁰⁰

June 30 to July 14 incl

P Vance B. Riley 32⁰⁰

Wednesday, AUGUST 1

213th Day—152 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Fertilized late corn breeding
& variety material at P.I. using
gandy broadcast. Set on
6.8 used about 200^{lb} per acre
cyanamide.

Trip to LaBelle to put out
fertilizer stakes and
transplant wild rice plants

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, AUGUST 2

214th Day—151 days to come

Trip Cottonwood with
Cap Boat in P.M. put out
Vanity stakes at Boat form,
also saw Ritter. Hill rice

Friday, AUGUST 3

215th Day—150 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, AUGUST 4

216th Day—149 days to come

Sunday, AUGUST 5

217th Day—148 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, AUGUST 6

218th Day—147 days to come

Sturgis
at Court (jury)

To Crowley with Geo.
+ Clyde Dickman and
return J. G. Dickson arrived

In Butte 5:10 am

arr Lb chry 7:00

arr Lb chry 7:30

arr Crowley 8:30

In Crowley 7:20

arr Lb chry 6:50

arr " " 7:25

In " " 10:20
arr Butte

Tuesday, AUGUST 7

219th Day—146 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Sturgis Court (jury)

To But in PM.

Sturgis, Walker, Jordan &
Cous arrived in PM from

Cloudy

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Wednesday, AUGUST 8

220th Day—145 days to come

Sturges in Bunt all day back to
 La. in late evening
 Thump

Thursday, AUGUST 9

221st Day—144 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Dr J. G. Dickson from Wisc.
to visit station on 9th or
10th (arrived on 5th)

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, AUGUST 10

222nd Day—143 days to come

Saturday, AUGUST 11

223rd Day—142 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, AUGUST 12

224th Day—141 days to come

Monday, AUGUST 13

225th Day—140 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Rogued Bluebonnet and
RxN sels in P.M.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, AUGUST 14

226th Day—139 days to come

Wednesday, AUGUST 15

227th Day—138 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Thelisma Thihodaur

1.5 days @ 4.00 = \$60.00

Thelisma Thihodaur

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, AUGUST 16

228th Day—137 days to come

Drained PT early Bluebonnet
 T Patna started to head on
 about August 12.

Friday, AUGUST 17

229th Day—136 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, AUGUST 18

230th Day—135 days to come

Planted early uniform yield nursery

Sunday, AUGUST 19

231st Day—134 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, AUGUST 20

232nd Day—133 days to come

Curly Frank
Box 1112, Home, Tx

Telegram to H. Smith:
Pl. 2nd, Agr. Wash D.C.
no information has been received on
inner tubes for truck. They are needed
immediately. Can you authorize local
purchase?
HMS.

Tuesday, AUGUST 21

233rd Day—132 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, AUGUST 22

234th Day—131 days to come

Thursday, AUGUST 23

235th Day—130 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, AUGUST 24

236th Day—129 days to come

Saturday, AUGUST 25

237th Day—128 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Harvested 2 varieties at
Revere
Hill long grain
R x SBR (Entire plot)

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, AUGUST 26

238th Day—127 days to come

Monday, AUGUST 27

239th Day—126 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Clarence Green started work
\$34.62 for wk

Harvested 4 early guards and
yield rows from 20 varieties.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, AUGUST 28

240th Day—125 days to come

Heavy rain from
hurricane (over 7 inches)
very little wind.
Some damage to rice but
not serious.

Wednesday, AUGUST 29

241st Day—124 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, AUGUST 30

242nd Day—123 days to come

Friday, AUGUST 31

243rd Day—122 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Dramed Texas Patru field
at Pine Islands.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Saturday, SEPTEMBER 1

244th Day—121 days to come

Harvested 4 varieties at
Rever.

RP x R-7689 (44-80)

" (44-72) Entire plot

TP x R-SBR

43-2089

Sunday, SEPTEMBER 2

245th Day—120 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, SEPTEMBER 3

246th Day—119 days to come

*Started harnesting early
BBT field in AM*

Tuesday, SEPTEMBER 4

247th Day—118 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Homesteading early B&B
and started cleaning.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, SEPTEMBER 5

248th Day—117 days to come

cleaning early B.B.
and completed housework
same

Thursday, SEPTEMBER 6

249th Day—116 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

clearing early Sept.

$$\begin{array}{r} 37 \\ 50 \overline{) 1850} \\ \underline{150} \\ 350 \end{array}$$

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, SEPTEMBER 7

250th Day—115 days to come

clearing early Sept.

Saturday, SEPTEMBER 8

251st Day—114 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Finished cleaning
Bluebonnet seed from
early P.I. block.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, SEPTEMBER 9

252nd Day—113 days to come

Monday, SEPTEMBER 10

253rd Day—112 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, SEPTEMBER 11

254th Day—111 days to come

Wednesday, SEPTEMBER 12

255th Day—110 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Mr. Jones arrived from
Crowley

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, SEPTEMBER 13

256th Day—109 days to come

Friday, SEPTEMBER 14

257th Day—108 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, SEPTEMBER 15

258th Day—107 days to come

Sunday, SEPTEMBER 16

259th Day—106 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, SEPTEMBER 17

260th Day—105 days to come

Tuesday, SEPTEMBER 18

261st Day—104 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Left for Stuttgart, Ark.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, SEPTEMBER 19

262nd Day—103 days to come

Thursday, SEPTEMBER 20

263rd Day—102 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, SEPTEMBER 21

264th Day—101 days to come

Saturday, SEPTEMBER 22

265th Day—100 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Hishman cut T. Patna at
Pine Island.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, SEPTEMBER 23

266th Day—99 days to come

Franklin T. ...

Monday, SEPTEMBER 24

267th Day—98 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, SEPTEMBER 25

268th Day—97 days to come

Returned from Stuttgart, Ark

Wednesday, SEPTEMBER 26

269th Day—96 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, SEPTEMBER 27

270th Day—95 days to come

Friday, SEPTEMBER 28

271st Day—94 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Mr. Jones left for Calif in
A.M.

Packaging expt for Jones

Harvest possibly 20 ft 2 rows.

Use T.P. or Rex if possible

Harvest every day.

Start at 28 % moisture

Treatment on Undried sample

15^{lb} for 15 minutes

20^{lb} for 15 "

after 20 % moisture has been reached

also boil 10 minutes and steam

for 15 minutes at 15^{lb} and

15 " " 20^{lb}

Save air dry sample
record moisture each day

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Saturday, SEPTEMBER 29

272nd Day—93 days to come

[Faint, illegible handwriting visible through the paper, likely from the reverse side.]

Sunday, SEPTEMBER 30

273rd Day—92 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, OCTOBER 1

274th Day—91 days to come

Tuesday, OCTOBER 2

275th Day—90 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, OCTOBER 3

276th Day—89 days to come

*Started drawing P.P.
Bluebonnet field*

Thursday, OCTOBER 4

277th Day—88 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, OCTOBER 5

278th Day—87 days to come

Saturday, OCTOBER 6

279th Day—86 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Completed drawing
P.I. Bluebonnet.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, OCTOBER 7

280th Day—85 days to come

Monday, OCTOBER 8

281st Day—84 days to come

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Mr. R. B. Gray, Penn Agrom.
Chief Div. Farm Ponds & Marsh.

B. P. I., S. & A. E.

Beltsville Research Center

Beltsville, Md. arrived

and left on 10th (AM)

Heavy rain & wind at noon
caused much lodging of
water rice.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, OCTOBER 9

282nd Day—83 days to come

[Faint, illegible handwriting visible through the paper]

Wednesday, OCTOBER 10

283rd Day—82 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, OCTOBER 11

284th Day—81 days to come

Friday, OCTOBER 12

285th Day—30 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, OCTOBER 13

286th Day—79 days to come

Sunday, OCTOBER 14

287th Day—78 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, OCTOBER 15

288th Day—77 days to come

Tuesday, OCTOBER 16

289th Day—76 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

cut var. at P.I.

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, OCTOBER 17

290th Day—75 days to come

cut Smoothwell^{P.S.} at Dishman

Thursday, OCTOBER 18

291st Day—74 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

cut R - pr Lf at Mutch.

Trip to La Belle

Cherise from Crowley arrived
in A.M.

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, OCTOBER 19

292nd Day—73 days to come

Treated 2 sx R-D from
Mitchell farm. Rice hr. on
18th. Screened and aspir.
on 19th and treated as follows.

125[#] sx (Total wt) - 1[#] mg ox,

127[#] sx " - 1[#] mg ox,

an excess of dust was used in
both cases.

LASALLE HOTEL

Sign of Distinctive Hotel Service



Beaumont, Texas.

Harvest 20 feet 2

Use T.P. or Rexon if possible

Harvest every day.

Start harvesting at 28% moisture

Cooking

15# for 15 minutes

20# for 15 "

air dried sample.

Starting at 20 include:

Boil 10 minutes and 20# for 15 minutes

"

15# for 15 "

Saturday, OCTOBER 20

293rd Day—72 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, OCTOBER 21

294th Day—71 days to come

Monday, OCTOBER 22

295th Day—70 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, OCTOBER 23

296th Day—69 days to come

Wednesday, OCTOBER 24

297th Day—68 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, OCTOBER 25

298th Day—67 days to come

Friday, OCTOBER 26

299th Day—66 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, OCTOBER 27

300th Day—65 days to come

Sunday, OCTOBER 28

301st Day—64 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, OCTOBER 29

302nd Day—63 days to come

Tuesday, OCTOBER 30

303rd Day—62 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, OCTOBER 31

304th Day—61 days to come

Thursday, NOVEMBER 1

305th Day—60 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, NOVEMBER 2

306th Day—59 days to come

Saturday, NOVEMBER 3

307th Day—58 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, NOVEMBER 4

308th Day—57 days to come

Monday, NOVEMBER 5

309th Day—56 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, NOVEMBER 6

310th Day—55 days to come

Wednesday, NOVEMBER 7

311th Day—54 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, NOVEMBER 8

312th Day—53 days to come

Friday, NOVEMBER 9

313th Day—52 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, NOVEMBER 10

314th Day—51 days to come

Sunday, NOVEMBER 11

315th Day—50 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, NOVEMBER 12

316th Day—49 days to come

Tuesday, NOVEMBER 13

317th Day—48 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| |
|--------|
| Clear |
| Cloudy |
| Rain |
| Snow |

Wednesday, NOVEMBER 14

318th Day—47 days to come

Thursday, NOVEMBER 15

319th Day—46 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, NOVEMBER 16

320th Day—45 days to come

Saturday, NOVEMBER 17

321st Day—44 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, NOVEMBER 18

322nd Day—43 days to come

Monday, NOVEMBER 19

323rd Day—42 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, NOVEMBER 20

324th Day—41 days to come

Wednesday, NOVEMBER 21

325th Day—40 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Thursday, NOVEMBER 22

326th Day—39 days to come

Friday, NOVEMBER 23

327th Day—38 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, NOVEMBER 24

328th Day—37 days to come

Sunday, NOVEMBER 25

329th Day—36 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Monday, NOVEMBER 26

330th Day—35 days to come

8 Tuesday, NOVEMBER 27

331st Day—34 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, NOVEMBER 28

332nd Day—33 days to come

Thursday, NOVEMBER 29

333rd Day—32 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, NOVEMBER 30

334th Day—31 days to come

Saturday, DECEMBER 1

335th Day—30 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Sunday, DECEMBER 2

336th Day—29 days to come

Monday, DECEMBER 3

337th Day—28 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Tuesday, DECEMBER 4

338th Day—27 days to come

Wednesday, DECEMBER 5

339th Day—26 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, DECEMBER 6

340th Day—25 days to come

Friday, DECEMBER 7

341st Day—24 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, DECEMBER 8

342nd Day—23 days to come

Sunday, DECEMBER 9

343rd Day—22 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, DECEMBER 10

344th Day—21 days to come

Tuesday, DECEMBER 11

345th Day—20 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Wednesday, DECEMBER 12

346th Day—19 days to come

Thursday, DECEMBER 13

347th Day—18 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Friday, DECEMBER 14

348th Day—17 days to come

Saturday, DECEMBER 15

349th Day—16 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Sunday, DECEMBER 16

350th Day—15 days to come

Monday, DECEMBER 17

351st Day—14 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Tuesday, DECEMBER 18.

352nd Day—13 days to come

Wednesday, DECEMBER 19

353rd Day—12 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Thursday, DECEMBER 20

354th Day—11 days to come

Friday, DECEMBER 21

355th Day—10 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Saturday, DECEMBER 22

356th Day—9 days to come

Sunday, DECEMBER 23

357th Day—8 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

Monday, DECEMBER 24

358th Day—7 days to come

Tuesday, DECEMBER 25

359th Day—6 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Wednesday, DECEMBER 26

360th Day—5 days to come

Thursday, DECEMBER 27

361st Day—4 days to come

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

Friday, DECEMBER 28

362nd Day—3 days to come

Saturday, DECEMBER 29

363rd Day—2 days to come

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

| | |
|--------------------------|--------|
| ☐ | Clear |
| ☐ | Cloudy |
| ☐ | Rain |
| ☐ | Snow |

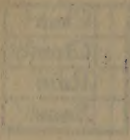
Sunday, DECEMBER 30

364th Day—1 day to come

Monday, DECEMBER 31

365th Day—last day of year

| | |
|--|--------|
| | Clear |
| | Cloudy |
| | Rain |
| | Snow |



Special Data

Special Data

Special Data

Special Data

Cash Account, January

[illegible]

On hand January 1 \$.....

Net Receipts for month . . \$.....

Net Balance - January 31 . \$.....

Cash Account, February

[illegible]

Net Balance - January 31 . \$.....

Net Receipts for month . . \$.....

Net Balance - February 28 . \$.....

Cash Account, March

[illegible]

Net Balance - February 28 . \$.....

Net Receipts for month . . \$.....

Net Balance - March 31 . . \$.

Cash Account, April

[illegible]

Net Balance - March 31 . . \$.....

Net Receipts for month . . \$.....

Net Balance - April 30 . . \$.....

Cash Account, May

[illegible]

Net Balance - April 30 . . \$.....

Net Receipts for month . . \$.....

Net Balance - May 31 . . \$.....

Cash Account, June

[illegible]

Net Balance - May 31 . . \$.....

Net Receipts for month . . \$.....

Net Balance - June 30 . . \$.....

Cash Account, July

[illegible]

Net Balance - June 30 . . \$.

Net Receipts for month . . \$.

Net Balance - July 31 . . \$.....

Cash Account, August

[illegible]

Net Balance - July 31 . . \$.....

Net Receipts for month . . \$.....

Net Balance - August 31 . \$.....

Cash Account, September

[illegible]

Net Balance - August 31 . \$.....

Net Receipts for month . . \$

Net Balance-September 30 . \$.....

Cash Account, October

[illegible]

Net Balance-September 30 . \$.....

Net Receipts for month . . \$.....

Net Balance - October 31 . \$.....

Cash Account, November

[illegible]

Net Balance - October 31 . \$.....

Net Receipts for month . . \$.....

Net Balance - November 30 \$

Cash Account, December

[illegible]

Net Balance - November 30 \$.....

Net Receipts for month . . \$.

Net Balance - December 31 \$.....

Summary of Cash Account

| | Received | | Paid | |
|-------------------------|----------|--|------|--|
| | | | | |
| On hand January 1 . . . | | | | |
| January | | | | |
| February | | | | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |
| July | | | | |
| August | | | | |
| September | | | | |
| October | | | | |
| November | | | | |
| December | | | | |
| Total . . . | | | | |

Balance as of December 31, \$.....

Insurance

| Rate | Issue | Name of Company |
|------|-------|-----------------|
| | | January |
| | | February |
| | | March |
| | | April |
| | | May |
| | | June |
| | | July |
| | | August |
| | | September |
| | | October |
| | | November |
| | | December |
| | | Total |

Expiration

[illegible]

DIRECTORY

[illegible]

DIRECTORY

[illegible]

DIRECTORY

| Names and Addresses | Telephone Nos. |
|---------------------|----------------|
|---------------------|----------------|

DIRECTORY

[illegible]

Rules for Computing Interest

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Two Per Cent.—Multiply the principal by the number of days to run, and divide by 180.

Two and One-half Per Cent.—Multiply by number of days and divide by 144.

Three Per Cent.—Multiply by number of days, and divide by 120.

Three and One-half Per Cent.—Multiply by number of days and divide by 108.

Four Per Cent.—Multiply by number of days and divide by 90.

Five Per Cent.—Multiply by number of days, and divide by 72.

Six Per Cent.—Multiply by number of days, and divide by 60.

Seven Per Cent.—Multiply by number of days, and divide by 52.

Eight Per Cent.—Multiply by number of days, and divide by 45.

Nine Per Cent.—Multiply by number of days, and divide by 40.

Ten Per Cent.—Multiply by number of days, and divide by 36.

Twelve Per Cent.—Multiply by number of days, and divide by 30.

Fifteen Per Cent.—Multiply by number of days and divide by 24.

Interest Tables

TWO PER CENT

| Time | \$1 | \$2 | \$3 | \$4 | \$5 | \$6 | \$7 | \$8 | \$9 | \$10 | \$100 | \$1,000 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---------|
| 4 Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 22 |
| 8 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 44 |
| 12 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 7 | 67 |
| 16 " | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 9 | 89 |
| 20 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 1.11 |
| 24 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 1.33 |
| 28 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 16 | 1.56 |
| 1 Mo. | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 17 | 1.67 |
| 2 " | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 33 | 3.33 |
| 3 " | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 50 | 5.00 |
| 4 " | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 67 | 6.67 |
| 5 " | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 83 | 8.33 |
| 6 " | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1.00 | 10.00 |
| 1 Yr. | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 2.00 | 20.00 |

THREE PER CENT

| Time | \$1 | \$2 | \$3 | \$4 | \$5 | \$6 | \$7 | \$8 | \$9 | \$10 | \$100 | \$1,000 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---------|
| 4 Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 34 |
| 8 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 67 |
| 12 " | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 1.00 |
| 16 " | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 14 | 1.34 |
| 20 " | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 17 | 1.67 |
| 24 " | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 20 | 2.00 |
| 28 " | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 24 | 2.34 |
| 1 Mo. | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 25 | 2.50 |
| 2 " | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 50 | 5.00 |
| 3 " | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 75 | 7.50 |
| 4 " | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1.00 | 10.00 |
| 5 " | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 13 | 1.25 | 12.50 |
| 6 " | 2 | 3 | 5 | 6 | 8 | 9 | 11 | 12 | 14 | 15 | 1.50 | 15.00 |
| 1 Yr. | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 3.00 | 30.00 |

TWO AND ONE-HALF PER CENT

| Time | \$1 | \$2 | \$3 | \$4 | \$5 | \$6 | \$7 | \$8 | \$9 | \$10 | \$100 | \$1,000 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---------|
| 4 Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 |
| 8 " | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 6 | 56 |
| 12 " | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 84 |
| 16 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 1.11 |
| 20 " | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 14 | 1.14 |
| 24 " | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 17 | 1.67 |
| 28 " | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 20 | 1.70 |
| 1 Mo. | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 21 | 2.09 |
| 2 " | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 42 | 4.17 |
| 3 " | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 5 | 6 | 7 | 63 | 6.25 |
| 4 " | 1 | 2 | 3 | 3 | 5 | 5 | 6 | 7 | 8 | 9 | 84 | 8.34 |
| 5 " | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 1.05 | 10.44 |
| 6 " | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 13 | 1.25 | 12.50 |
| 1 Yr. | 3 | 5 | 8 | 10 | 13 | 15 | 18 | 20 | 23 | 25 | 2.50 | 25.00 |

SIX PER CENT

| Time | \$1 | \$2 | \$3 | \$4 | \$5 | \$6 | \$7 | \$8 | \$9 | \$10 | \$100 | \$1,000 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---------|
| 4 Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 7 | 67 |
| 8 " | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 1.33 |
| 12 " | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 20 | 2.00 |
| 16 " | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 27 | 2.67 |
| 20 " | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 33 | 3.33 |
| 24 " | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 40 | 4.00 |
| 28 " | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 47 | 4.67 |
| 1 Mo. | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 50 | 5.00 |
| 2 " | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1.00 | 10.00 |
| 3 " | 2 | 3 | 5 | 6 | 8 | 9 | 11 | 12 | 14 | 15 | 1.50 | 15.00 |
| 4 " | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 2.00 | 20.00 |
| 5 " | 3 | 5 | 8 | 10 | 13 | 15 | 18 | 20 | 23 | 25 | 2.50 | 25.00 |
| 6 " | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 3.00 | 30.00 |
| 1 Yr. | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 6.00 | 60.00 |

Postal Information

Domestic Postage

Domestic rates of postage apply to all parts of the United States, which includes Hawaii and Alaska, and all its possessions; also to mail for officers and crew of the vessels of war of the United States, and to other places where the United States mail services may be in operation.

Military Mail—Consult postmaster regarding rates on and conditions applicable to all mail matter addressed to members of the armed forces.

First Class Matter. Letters and written matter, also other matter if sealed against postal inspection, 3c per ounce or fraction thereof, except post and postal cards and Drop Letters for non-carrier offices, provided addressees are not served by rural or star route carriers, which under existing law remain at 1c for each ounce or fraction thereof.

Air Mail, from one post office to another on the mainland of the United States, including Alaska, and from one post office to another in Hawaiian Islands, from one post office to another in Puerto Rico, from one post office to another in Virgin Islands of the United States, and between the latter islands and Puerto Rico (but not between the mainland of United States and any of these islands), 8 cents per ounce or fraction thereof.

Note.—The rate of 6c for each $\frac{1}{2}$ ounce or fraction thereof will continue to apply to air mail sent to or by the armed forces of the United States overseas, served through the army and navy post offices.

Mail for dispatch via airplane service will be accepted for Registration, Insurance, or C.O.D. by adding the additional fees for the particular service desired. See regulations governing the acceptance of air mail for matter other than letters in their usual form.

Second Class Matter. (Unsealed) Newspapers and periodicals, which are "Entered as Second Class Matter." See post office for publishers rates. When mailed by public, 1c for each 2 ounces or fraction thereof, or the fourth class rate, whichever is lower.

Third Class Matter. (Limit 8 ounces.) Circulars and miscellaneous printed matter, also merchandise, $\frac{1}{2}$ cents for each 2 ounces.

Fourth Class (Parcel Post) Mail. Merchandise, farm products, books, printed matter, and all other mailable matter, weighing more than 8 ounces, not included in the first, second and third classes.

Books weighing over 8 ounces take special rates. Consult your local postmaster.

The postage on all mail matter of the 4th class is increased by 3 per centum, fractions of $\frac{1}{2}$ c or more being computed as 1c, but in no case shall the increase per parcel be less than 1c.

In the following table the rates shown are under the old schedule. Add 3 per centum to these rates, but not less than 1c on any parcel.

| Zones | Old Rate | Add lbs. | Old Rate |
|----------------------------------|----------|----------|----------|
| Local | .07 | 1.0* | |
| First and Second | | | |
| (Up to 150 miles)..... | .08 | 1.1 | |
| Third (150 to 300 miles)..... | .09 | 2.0 | |
| Fourth (300 to 600 miles)..... | .10 | 3.5 | |
| Fifth (600 to 1000 miles)..... | .11 | 6.3 | |
| Sixth (1000 to 1400 miles)..... | .12 | 7.0 | |
| Seventh (1400 to 1800 miles).... | .12 | 9.0 | |
| Eighth (Over 1800 miles)..... | .15 | 11.0 | |

* Additional 2 lbs.

Size and Weight. A Parcel Post package may not exceed 100 inches in length and girth combined. The limit of weight is 70 lbs., all zones. Parcels weighing less than 10 pounds but measuring over 84 inches but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to the 10 pound rate.

Special Handling (4th Class). Parcels to be given special handling will be chargeable with the regular fourth class rates and 10 cents additional postage on each parcel weighing not more than 2 pounds. 15 cents on each parcel of more than 2

but not more than 10 pounds, and 20 cents on each parcel weighing more than 10 pounds. Mark "Special Handling" on package.

Special Delivery. First class: Up to 2 pounds 10c., over 2 pounds up to 10 pounds 20c. and over 10 pounds 25c.

Second, third or fourth class: Up to 2 pounds 15c., over 2 pounds up to 10 pounds 25c. and over 10 pounds 35c.

Insured Mail. Fees for insurance of domestic mail matter of the third and fourth classes:

| Amt. of Ins. | Ins. fees (cents) | Amt. of Ins. | Ins. fees (cents) |
|-------------------------|-------------------|--------------------------|-------------------|
| \$0.01 to \$5.00..... | 10 | \$50.01 to \$100.00.... | 50 |
| \$5.01 to \$25.00..... | 20 | \$100.01 to \$150.00.... | 60 |
| \$25.01 to \$50.00..... | 30 | \$150.01 to \$200.00.... | 70 |

Collect-on-Delivery Mail. C.O.D. fees on domestic collect-on-delivery mail of the third and fourth classes:

| Amt. of C.O.D. charges or ins. desired | C.O.D. fee (cents) |
|--|--------------------|
| \$0.01 to \$5.00..... | 24 |
| \$5.01 to \$25.00..... | 34 |
| \$25.01 to \$50.00..... | 44 |
| \$50.01 to \$100.00..... | 44 |
| \$100.01 to \$150.00..... | 80 |
| \$150.01 to \$200.00..... | 80 |

(No change is made for the present in the C.O.D. fees on sealed domestic C.O.D. mail of any class bearing postage at the first-class rate.)

Fee for service in effecting delivery of collect-on-delivery mail upon terms differing from those originally stipulated at the time of mailing... 30 cents.

Charge for demurrage on domestic collect-on-delivery mail... 10 cents per day.

Senders' return receipts for domestic registered and insured mail when requested at the time of mailing

When requested subsequent to the time of mailing

When requested showing to whom, when, and the address where the article was delivered... 31 cents.

Fee for effecting delivery of domestic registered, insured or C.O.D. mail, the delivery of which is restricted to the addressee only, or to the addressee or order

Money Order Fees. The new fees for issuing money orders are as follows:

| cents | | cents | |
|-----------------------|----|-----------------------|----|
| \$0.01 to \$2.50..... | 10 | \$20.01 to \$40..... | 25 |
| \$2.51 to \$5..... | 14 | \$40.01 to \$60..... | 30 |
| \$5.01 to \$10..... | 19 | \$60.01 to \$80..... | 34 |
| \$10.01 to \$20..... | 22 | \$80.01 to \$100..... | 37 |

Registered mail. Fees and limits of indemnity for domestic registered mail, and surcharges based upon actual value and length of haul:

| For registry | | For registry | |
|-----------------------------|----------|-----------------------------|----------|
| Indemnity not exceeding fee | Registry | Indemnity not exceeding fee | Registry |
| \$5.00..... | \$0.20 | \$500.00..... | \$0.95 |
| \$50.00..... | \$0.25 | \$600.00..... | \$1.05 |
| \$75.00..... | \$0.35 | \$700.00..... | \$1.15 |
| \$100.00..... | \$0.40 | \$800.00..... | \$1.20 |
| \$200.00..... | \$0.55 | \$900.00..... | \$1.25 |
| \$300.00..... | \$0.65 | \$1000.00..... | \$1.35 |
| \$400.00..... | \$0.80 | | |

When the declared value exceeds the maximum indemnity covered by the registry fee paid, surcharge is made as follows:

| All Zones: | | All Zones: | |
|-------------------------|-------------------|-------------------------|-------------------|
| excess de- clared value | Surcharge (cents) | excess de- clared value | Surcharge (cents) |
| up to \$5.00..... | 2 | up to 600.00..... | 7 |
| up to 100.00..... | 3 | up to 800.00..... | 8 |
| up to 200.00..... | 4 | up to 999.99..... | 10 |
| up to 400.00..... | 6 | | |

Note.—If the excess of the declared value over the maximum indemnity covered by the registry fee paid is \$1000 or more, the surcharges for each \$1000 or part of \$1000 of such excess are as follows:

| cents | |
|--|----|
| For local delivery or within first zone..... | 11 |
| For delivery within second zone..... | 12 |
| For delivery within third zone..... | 14 |
| For delivery within fourth zone..... | 15 |
| For delivery within fifth or sixth zones..... | 16 |
| For delivery within seventh, eighth zones..... | 18 |

Parcel Post Zone Rates

| WEIGHT
IN POUNDS | Local
rate | 1st-2d
zone
rate | 3d
zone
rate | 4th
zone
rate | 5th
zone
rate | 6th
zone
rate | 7th
zone
rate | 8th
zone
rate |
|---------------------|---------------|------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1..... | \$0.08 | \$0.09 | \$0.10 | \$0.11 | \$0.12 | \$0.13 | \$0.15 | \$0.16 |
| 2..... | .09 | .11 | .12 | .15 | .18 | .20 | .24 | .27 |
| 3..... | .09 | .12 | .14 | .18 | .23 | .27 | .33 | .38 |
| 4..... | .10 | .13 | .16 | .22 | .28 | .34 | .42 | .49 |
| 5..... | .10 | .14 | .18 | .25 | .34 | .41 | .52 | .61 |
| 6..... | .11 | .15 | .20 | .29 | .39 | .48 | .61 | .72 |
| 7..... | .11 | .16 | .22 | .32 | .44 | .56 | .70 | .83 |
| 8..... | .12 | .17 | .24 | .36 | .50 | .63 | .79 | .95 |
| 9..... | .12 | .18 | .26 | .39 | .56 | .70 | .89 | 1.06 |
| 10..... | .13 | .19 | .28 | .43 | .61 | .77 | .98 | 1.17 |
| 11..... | .13 | .20 | .30 | .46 | .66 | .84 | 1.07 | 1.29 |
| 12..... | .14 | .22 | .32 | .50 | .72 | .92 | 1.16 | 1.40 |
| 13..... | .14 | .23 | .34 | .54 | .77 | .99 | 1.26 | 1.51 |
| 14..... | .15 | .24 | .36 | .58 | .82 | 1.06 | 1.35 | 1.63 |
| 15..... | .15 | .25 | .38 | .61 | .89 | 1.13 | 1.44 | 1.74 |
| 16..... | .16 | .26 | .40 | .65 | .94 | 1.21 | 1.53 | 1.85 |
| 17..... | .16 | .27 | .42 | .68 | .99 | 1.28 | 1.63 | 1.97 |
| 18..... | .17 | .28 | .44 | .72 | 1.05 | 1.35 | 1.72 | 2.08 |
| 19..... | .17 | .29 | .46 | .75 | 1.10 | 1.42 | 1.81 | 2.19 |
| 20..... | .18 | .30 | .48 | .79 | 1.15 | 1.49 | 1.91 | 2.31 |
| 21..... | .18 | .31 | .50 | .82 | 1.21 | 1.57 | 2.00 | 2.42 |
| 22..... | .19 | .33 | .53 | .87 | 1.27 | 1.64 | 2.09 | 2.53 |
| 23..... | .19 | .34 | .55 | .90 | 1.32 | 1.71 | 2.18 | 2.65 |
| 24..... | .20 | .35 | .57 | .94 | 1.37 | 1.78 | 2.28 | 2.76 |
| 25..... | .20 | .36 | .59 | .97 | 1.43 | 1.85 | 2.37 | 2.87 |
| 26..... | .21 | .37 | .61 | 1.01 | 1.48 | 1.93 | 2.46 | 2.99 |
| 27..... | .21 | .38 | .63 | 1.04 | 1.53 | 2.00 | 2.55 | 3.10 |
| 28..... | .22 | .39 | .65 | 1.08 | 1.60 | 2.07 | 2.65 | 3.21 |
| 29..... | .22 | .40 | .67 | 1.11 | 1.65 | 2.14 | 2.74 | 3.33 |
| 30..... | .23 | .41 | .69 | 1.15 | 1.70 | 2.21 | 2.83 | 3.44 |
| 31..... | .23 | .42 | .71 | 1.18 | 1.75 | 2.29 | 2.93 | 3.55 |
| 32..... | .24 | .44 | .73 | 1.23 | 1.81 | 2.36 | 3.02 | 3.67 |
| 33..... | .24 | .45 | .75 | 1.26 | 1.86 | 2.43 | 3.11 | 3.78 |
| 34..... | .25 | .46 | .77 | 1.30 | 1.92 | 2.50 | 3.20 | 3.89 |
| 35..... | .25 | .47 | .79 | 1.33 | 1.98 | 2.58 | 3.30 | 4.01 |
| 36..... | .26 | .48 | .81 | 1.37 | 2.03 | 2.65 | 3.39 | 4.12 |
| 37..... | .26 | .49 | .83 | 1.40 | 2.08 | 2.72 | 3.48 | 4.23 |
| 38..... | .27 | .50 | .85 | 1.44 | 2.14 | 2.79 | 3.57 | 4.35 |
| 39..... | .27 | .52 | .88 | 1.47 | 2.19 | 2.86 | 3.67 | 4.46 |
| 40..... | .28 | .53 | .90 | 1.51 | 2.25 | 2.94 | 3.76 | 4.57 |
| 41..... | .28 | .54 | .92 | 1.55 | 2.30 | 3.01 | 3.85 | 4.69 |
| 42..... | .29 | .56 | .94 | 1.59 | 2.36 | 3.08 | 3.94 | 4.80 |
| 43..... | .29 | .57 | .96 | 1.62 | 2.41 | 3.15 | 4.04 | 4.91 |
| 44..... | .30 | .58 | .98 | 1.66 | 2.46 | 3.22 | 4.13 | 5.03 |
| 45..... | .30 | .59 | 1.00 | 1.69 | 2.52 | 3.30 | 4.22 | 5.14 |
| 46..... | .31 | .60 | 1.02 | 1.73 | 2.58 | 3.37 | 4.32 | 5.25 |
| 47..... | .31 | .61 | 1.04 | 1.76 | 2.63 | 3.44 | 4.41 | 5.37 |
| 48..... | .32 | .62 | 1.06 | 1.80 | 2.69 | 3.51 | 4.50 | 5.48 |
| 49..... | .32 | .63 | 1.08 | 1.83 | 2.74 | 3.58 | 4.59 | 5.59 |
| 50..... | .33 | .64 | 1.10 | 1.87 | 2.79 | 3.66 | 4.69 | 5.71 |
| 51..... | .33 | .65 | 1.12 | 1.91 | 2.84 | 3.73 | 4.78 | 5.82 |
| 52..... | .34 | .67 | 1.14 | 1.95 | 2.90 | 3.80 | 4.87 | 5.93 |
| 53..... | .34 | .68 | 1.16 | 1.98 | 2.96 | 3.87 | 4.96 | 6.05 |
| 54..... | .35 | .69 | 1.18 | 2.02 | 3.01 | 3.94 | 5.06 | 6.16 |
| 55..... | .35 | .70 | 1.21 | 2.05 | 3.07 | 4.02 | 5.15 | 6.27 |
| 56..... | .36 | .71 | 1.23 | 2.09 | 3.12 | 4.09 | 5.24 | 6.39 |
| 57..... | .36 | .72 | 1.25 | 2.12 | 3.17 | 4.16 | 5.34 | 6.50 |
| 58..... | .37 | .73 | 1.27 | 2.16 | 3.23 | 4.23 | 5.43 | 6.61 |
| 59..... | .37 | .74 | 1.29 | 2.19 | 3.29 | 4.31 | 5.52 | 6.73 |
| 60..... | .38 | .75 | 1.31 | 2.24 | 3.34 | 4.38 | 5.61 | 6.84 |
| 61..... | .38 | .76 | 1.33 | 2.27 | 3.39 | 4.45 | 5.71 | 6.95 |
| 62..... | .39 | .78 | 1.35 | 2.31 | 3.45 | 4.52 | 5.80 | 7.07 |
| 63..... | .39 | .79 | 1.37 | 2.34 | 3.50 | 4.59 | 5.89 | 7.18 |
| 64..... | .40 | .80 | 1.39 | 2.38 | 3.55 | 4.67 | 5.98 | 7.29 |
| 65..... | .40 | .81 | 1.41 | 2.41 | 3.62 | 4.74 | 6.08 | 7.41 |
| 66..... | .41 | .82 | 1.43 | 2.45 | 3.67 | 4.81 | 6.17 | 7.52 |
| 67..... | .41 | .83 | 1.45 | 2.48 | 3.72 | 4.88 | 6.26 | 7.63 |
| 68..... | .42 | .84 | 1.47 | 2.52 | 3.78 | 4.95 | 6.36 | 7.75 |
| 69..... | .42 | .85 | 1.49 | 2.55 | 3.83 | 5.03 | 6.45 | 7.86 |
| 70..... | .43 | .87 | 1.51 | 2.60 | 3.88 | 5.10 | 6.54 | 7.97 |

EXCEPTIONS:

In the first or second zone, where the distance by the shortest regular practicable mail route is 300 miles or more, the rate is the same as for the third zone.

On parcels collected on rural routes the postage is 2 cents less per parcel than shown in the foregoing table when for local delivery and 3 cents less per parcel when for other than local delivery.

Parcels weighing less than 10 pounds measuring over 84 inches, but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.

AIRWAY MAP OF THE UNITED STATES

SHOWING AIR MAIL ROUTES



Weights and Measures

APOTHECARIES' WEIGHT

| | |
|-------------------------|-----------------------|
| 20 grains.....1 scruple | 8 drams.....1 ounce |
| 3 scruples.....1 dram | 12 ounces.....1 pound |

Ounce and pound are the same as in Troy Weight

AVOIRDUPOIS WEIGHT

| | |
|--------------------------|-------------------------|
| 27-11/32 grains...1 dram | 25 pounds...1 quarter |
| 16 drams.....1 ounce | 4 quarters...1 cwt. |
| 16 ounces.....1 pound | 2,000 lbs...1 short ton |
| 2,240 pounds..... | 1 long ton |

TROY WEIGHT

| | |
|----------------------|-----------------------|
| 24 grains.....1 dwt. | |
| 20 dwts.....1 ounce | 12 ounces.....1 pound |

Used for weighing gold, silver and jewels

CLOTH MEASURE

| | |
|-------------------------|-----------------------|
| 2 1/2 inches.....1 nail | 4 nails.....1 quarter |
| 4 quarters..... | 1 yard |

CUBIC MEASURE

| | |
|--|--|
| 1,728 cubic inches.....1 cubic foot | |
| 27 cubic feet.....1 cubic yard | |
| 128 cubic feet.....1 cord (wood) | |
| 40 cubic feet.....1 ton (shipping) | |
| 2,150.42 cubic inches.....1 standard bushel | |
| 231 cubic inches.....1 U. S. standard gallon | |
| 1 cubic foot.....about 4/5 of a bushel | |

DRY MEASURE

| | |
|---------------------|-------------------------|
| 2 pints.....1 quart | 4 pecks.....1 bushel |
| 8 quarts.....1 peck | 36 bushels...1 chaldron |

LIQUID MEASURE

| | |
|---------------------|---------------------------|
| 4 gills.....1 pint | 4 quarts.....1 gallon |
| 2 pints.....1 quart | 31 1/2 gallons...1 barrel |
| 3 barrels..... | 1 hogshead |

LONG MEASURE

| | |
|-----------------------|--------------------------|
| 12 inches.....1 foot | 40 rods.....1 furlong |
| 3 feet.....1 yard | 8 furlongs...1 sta. mile |
| 5 1/2 yards.....1 rod | 3 miles.....1 league |

MARINERS' MEASURE

| | |
|--|--|
| 6 feet=1 fathom...120 fathoms=1 cable length | |
| 7 1/4 cable lengths.....1 mile | |
| 5,280 feet.....1 statute mile | |
| 6,085 feet.....1 nautical mile | |

PAPER MEASURE

| | |
|--|----------------------|
| 24 sheets, 1 quire; 20 quires, 1 ream (480 sheets) | |
| 2 reams.....1 bundle | 5 bundles.....1 bale |

SQUARE MEASURE

| | |
|------------------------------|------------------------|
| 144 sq. inches...1 sq. ft. | 40 sq. rods. 1 rod |
| 9 sq. ft.....1 sq. yard | 4 rods...1 acre |
| 30 1/2 sq. yards...1 sq. rod | 640 acres...1 sq. mile |

SURVEYORS' MEASURE

| | |
|---|--|
| 7.92 inches.....1 link | |
| 25 links.....1 rod | |
| 4 rods.....1 chain | |
| 10 sq. chains or 160 sq. rods.....1 acre | |
| 640 acres.....1 sq. mile | |
| 36 sq. miles (6 miles sq.).....1 township | |

TIME MEASURE

| | |
|--|--|
| 60 seconds=1 minute.....60 minutes=1 hour | |
| 24 hours=1 day.....7 days=1 week | |
| 28, 29, 30 or 31 days.....1 calendar month | |
| 30 days=1 month.....in computing interest | |
| 365 days=1 year.....366 days=1 leap year | |

MISCELLANEOUS

| | |
|---------------------------------------|--|
| 3 inches=1 palm.....4 inches=1 hand | |
| 6 inches=1 span.....18 inches=1 cubit | |
| 21.8 inches.....1 Bible cubit | |
| 2 1/2 feet.....1 military pace | |

METRIC EQUIVALENTS—Linear Measure

| | |
|---|--|
| 1 centimeter.....0.3937 inch | |
| 1 inch.....2.54 centimeters | |
| 1 decimeter.....3.937 inches.....0.333 foot | |
| 1 foot.....3.048 decimeters | |
| 1 meter.....39.37 inches.....1.0936 yards | |
| 1 yard.....0.9144 meter | |
| 1 dekameter.....1.9884 rods | |
| 1 rod.....0.5029 dekameter | |
| 1 kilometer.....0.62137 mile | |
| 1 mile.....1.6093 kilometers | |

Square Measure

| | |
|--|--|
| 1 square centimeter.....0.1550 square inch | |
| 1 square inch.....6.452 square centimeters | |
| 1 square decimeter.....0.1076 square foot | |
| 1 square foot.....9.2903 square decimeters | |
| 1 square meter.....1.196 square yards | |
| 1 square yard.....0.8361 square meter | |
| 1 are.....3.954 square rods | |
| 1 square rod.....0.2529 are | |
| 1 hectare.....2.47 acres | |
| 1 acre.....0.4047 hectare | |
| 1 square kilometer.....0.386 square mile | |
| 1 square mile.....2.59 square kilometers | |

Measure of Volume

| | |
|--|--|
| 1 cubic centimeter.....0.061 cubic inch | |
| 1 cubic inch.....16.39 cubic centimeters | |
| 1 cubic decimeter.....0.0353 cubic foot | |
| 1 cubic foot.....28.317 cubic decimeters | |
| 1 cubic meter.....1.308 cubic yards | |
| 1 cubic yard.....0.7646 cubic meter | |
| 1 stero.....0.2759 cord | |
| 1 cord.....3.624 steres | |
| 1 liter=0.908 quart dry.....1.0567 quarts liquid | |
| 1 quart dry.....1.101 liters | |
| 1 quart liquid.....0.9463 liter | |
| 1 dekaliter=2.6417 gallons.....135 pecks | |
| 1 gallon.....0.3785 dekaliter | |
| 1 peck.....0.831 dekaliter | |
| 1 hectoliter.....2.8375 bushels | |
| 1 bushel.....0.3524 hectoliter | |

Weights

| | |
|--------------------------------------|--|
| 1 gram.....0.03527 ounce | |
| 1 ounce.....28.35 grams | |
| 1 kilogram.....2,2046 pounds | |
| 1 pound.....0.4536 kilogram | |
| 1 metric ton.....1.1023 English tons | |
| 1 English ton.....0.9072 metric ton | |

APPROXIMATE METRIC EQUIVALENTS

| | |
|---|--|
| 1 decimeter.....4 inches | |
| 1 liter.....1.06 quarts liquid, 0.9 quart dry | |
| 1 meter.....1.1 yards | |
| 1 kilometer.....1/2 of a mile | |
| 1 hectoliter.....2% bushels | |
| 1 kilogram.....2-1/5 pounds | |
| 1 stero, or cubic meter.....1/4 of a cord | |
| 1 metric ton.....2,200 pounds | |

TEMPERATURES

Fahrenheit

| | |
|--------------------------------------|--|
| Milk.....Freezes 30° above Zero | |
| Water.....Freezes 32° above Zero | |
| Olive Oil.....Freezes 36° above Zero | |
| Wines.....Freeze 20° above Zero | |
| Vinegar.....Freezes 28° above Zero | |

| | |
|--|--|
| Alcohol.....Boils at 173° above Zero | |
| Blood Heat.....98.4° above Zero | |
| Eggs Hatch.....104° above Zero | |
| Water.....Boils at 212° above Zero | |
| Petroleum.....(average) Boils at 306° above Zero | |

Capitals of The States

| State and Capital | Est'd Union |
|------------------------------|---------------|
| Alabama—Montgomery | Dec. 14, 1819 |
| Arizona—Phoenix | Feb. 14, 1912 |
| Arkansas—Little Rock | June 15, 1836 |
| California—Sacramento | Sept. 9, 1850 |
| Colorado—Denver | Aug. 1, 1876 |
| Connecticut—Hartford | Jan. 9, 1783 |
| Delaware—Dover | Dec. 7, 1787 |
| Dist. of Columbia—Washington | July 16, 1790 |
| Florida—Tallahassee | Mar. 3, 1845 |
| Georgia—Atlanta | Jan. 2, 1783 |
| Idaho—Boise | July 3, 1890 |
| Illinois—Springfield | Dec. 3, 1813 |
| Indiana—Indianapolis | Dec. 11, 1816 |
| Iowa—Des Moines | Dec. 28, 1846 |
| Kansas—Topeka | Jan. 29, 1861 |
| Kentucky—Frankfort | June 1, 1792 |
| Louisiana—Baton Rouge | Apr. 30, 1812 |
| Maine—Augusta | Mar. 15, 1820 |
| Maryland—Annapolis | Apr. 28, 1783 |
| Massachusetts—Boston | Feb. 6, 1783 |
| Michigan—Lansing | Jan. 26, 1837 |
| Minnesota—St. Paul | May 11, 1858 |
| Mississippi—Jackson | Dec. 10, 1817 |
| Missouri—Jefferson City | Aug. 10, 1821 |

| State and Capital | Est'd Union |
|--------------------------|---------------|
| Montana—Helena | Nov. 8, 1889 |
| Nebraska—Lincoln | Mar. 1, 1867 |
| Nevada—Carson City | Oct. 31, 1864 |
| New Hampshire—Concord | June 21, 1788 |
| New Jersey—Trenton | Dec. 18, 1787 |
| New Mexico—Santa Fe | Jan. 6, 1912 |
| New York—Albany | July 26, 1788 |
| North Carolina—Raleigh | Nov. 21, 1789 |
| North Dakota—Bismarck | Nov. 2, 1889 |
| Ohio—Columbus | Feb. 19, 1803 |
| Oklahoma—Oklahoma City | Nov. 16, 1907 |
| Oregon—Salem | Feb. 14, 1859 |
| Pennsylvania—Harrisburg | Dec. 12, 1787 |
| Rhode Island—Providence | May 29, 1790 |
| South Carolina—Columbia | May 23, 1788 |
| South Dakota—Pierre | Nov. 2, 1889 |
| Tennessee—Nashville | June 1, 1796 |
| Texas—Austin | Dec. 29, 1845 |
| Utah—Salt Lake City | Jan. 4, 1896 |
| Vermont—Montpelier | Mar. 4, 1791 |
| Virginia—Richmond | June 28, 1783 |
| Washington—Olympia | Nov. 11, 1889 |
| West Virginia—Charleston | June 20, 1863 |
| Wisconsin—Madison | May 29, 1848 |
| Wyoming—Cheyenne | July 11, 1890 |

Business Laws

Principals are responsible for the acts of their agents within the actual or apparent scope of given authority. Individual partners are each individually liable for the whole of firm obligations. The acts of any or all partners within the scope of firm business measure the firm obligations.

The word "limited" in connection with firm names indicates a limitation of the usual liability.

Laws vary in the different states concerning contracts made on Sunday and only certain transactions are voidable.

Contracts concerning land must be in writing. A contract with a minor or lunatic is generally void.

A promise in an agreement, to be enforced, requires consideration. Consideration is something given or promised in exchange for the promise which is being enforced. An act or promise which is illegal will not constitute a valid consideration.

Notes bear interest only after maturity, unless otherwise stated. Demand notes are payable when presented, without grace, and bear legal interest after demand.

The fact that a note is lost or stolen does not cancel the obligation. The maker, however, may demand a bond for his protection before making payment.

An endorsement "without recourse" merely releases the endorser from the guaranty of payment usually imposed upon him. He still warrants the note to be genuine and his right to endorse.

An instrument is not invalid for the reason only that it is ante-dated or post-dated, provided this is not done for any illegal or fraudulent purpose. If a note is materially altered by the holder, it becomes void but it does not avoid liability as to all parties.

The words "value received" are not necessary in a note.

The endorers of a negotiable instrument are liable only after due notice of dishonor. An instrument is dishonored if not paid upon presentment to the maker when due. Prompt notice of dishonor must be given the endorers. Generally stated, the notice of dishonor must be given actually or mailed within 24 hours. Notice of protest (presentment and non-payment) may be sent either to the place of business or residence of the party notified. If a letter containing notice of protest or dishonor be properly mailed, it is sufficient notice even though it miscarries.

Signatures with a lead pencil are good in law, but inadvisable. While a receipt for money is not conclusive of its payment, it requires clear evidence to rebut same.

In the hands of a holder in due course, a note fraudulently obtained, may or may not be a defense to the instrument.

When contracts are reduced to writing, understandings cannot be shown which are not in the writing.

Points of Constitutional Laws

Congress must meet at least once a year.
Congress may admit as many new States as desired.

One State cannot undo the act of another.
By the constitution every citizen is guaranteed a speedy trial by jury.

A power which is vested in Congress alone cannot be exercised by a State.

One State must respect the legal decisions and laws of another.

Congress cannot pass a law to punish for a crime already committed.

A person who commits a felony in one State cannot find refuge in another.

Bills for revenue can originate only in the House of Representatives, but the Senate may propose or concur with amendments.

Treaties with foreign powers are made by the President and ratified by the Senate.

The territories each have a delegate to Congress who is allowed the privilege of debate, but not the right to vote.

The Vice-President, who ex-officio presides over the Senate, has no vote in that body except in case of a tie ballot.

If the President holds a bill longer than ten days while Congress is in session it becomes a law without his signature.

An act of Congress cannot become a law over the President's veto except on a two-thirds vote of both Houses.

The House of Representatives may impeach the President for any crime, but the Senate has the sole power to try all impeachments.

An officer of the United States Government is not permitted to accept any title of nobility, order of honor except with the permission of Congress.

Amendments to the Constitution of the United States require a two-thirds vote of each House of Congress, and must be ratified by at least three-fourths of the States.

The President of the United States must be at least 35 years of age; a Senator, 30; a Congressman, 25. The President must have been a resident within the United States fourteen years.

A naturalized citizen is not eligible to the office of President of the United States. A male child born in a foreign land to American parents has an equal chance to become the President with one born on American soil.

The United States shall guarantee to every State a republican form of government, and shall protect each of them against invasion, and on application of the Legislature or of the Executive (when the Legislature cannot be convened) against domestic trouble.

Distances from New York to Cities in United States

The distance herein shown is that via the quickest route and the lines carrying the bulk of the mails

| Cities in U. S. | Miles | Cities in U. S. | Miles | Cities in U. S. | Miles |
|-------------------------|-------|------------------------|-------|-------------------------|-------|
| Albany, N. Y..... | 145 | Fargo, N. Dak..... | 1,613 | Pittsburgh, Pa..... | 441 |
| Albuquerque, N. Mex. | 2,260 | Ft. Worth, Tex..... | 1,773 | Portland, Me..... | 341 |
| Alliance, Neb..... | 1,875 | Galveston, Tex..... | 1,764 | Portland, Ore..... | 3,162 |
| Amarillo, Tex..... | 1,920 | Grand Rapids, Mich.. | 779 | Prescott, Ariz..... | 2,724 |
| Atlanta, Ga..... | 876 | Greensboro, N. C..... | 515 | Providence, R. I..... | 189 |
| Atlantic City, N. J.... | 143 | Harrisburg, Pa..... | 196 | Reno, Nev..... | 2,936 |
| Augusta, Me..... | 402 | Hartford, Conn..... | 112 | Richmond, Va..... | 343 |
| Baltimore, Md..... | 187 | Helena, Mont..... | 2,438 | Roanoke, Va..... | 452 |
| Birmingham, Ala..... | 990 | Hot Springs, Ark..... | 1,367 | St. Louis, Mo..... | 1,053 |
| Bismarck, N. Dak..... | 1,753 | Indianapolis, Ind..... | 812 | St. Paul, Minn..... | 1,307 |
| Boise, Idaho..... | 2,783 | Ishpeming, Mich..... | 1,354 | Salt Lake City, Utah.. | 2,452 |
| Boston, Mass..... | 232 | Jackson, Miss..... | 1,239 | San Francisco, Cal.... | 3,180 |
| Bristol, Tenn..... | 604 | Jacksonville, Fla..... | 982 | Santa Fe, N. Mex..... | 2,173 |
| Buffalo, N. Y..... | 396 | Kansas City, Mo..... | 1,331 | Savannah, Ga..... | 845 |
| Burlington, Vt..... | 303 | Little Rock, Ark..... | 1,291 | Seattle, Wash..... | 3,107 |
| Butte, Mont..... | 2,498 | Los Angeles, Calif.... | 3,111 | Sheridan, Wyo..... | 2,209 |
| Cape May, N. J..... | 174 | Louisville, Ky..... | 865 | Shreveport, La..... | 1,456 |
| Carson City, Nev..... | 3,016 | Manchester, N. H..... | 290 | Sioux Falls, S. Dak.... | 1,507 |
| Charleston, S. C..... | 736 | Memphis, Tenn..... | 1,158 | Spokane, Wash..... | 2,787 |
| Charleston, W. Va..... | 614 | Milwaukee, Wis..... | 994 | Springfield, Ill..... | 1,009 |
| Chattanooga, Tenn.... | 853 | Mobile, Ala..... | 1,229 | Springfield, Mass..... | 136 |
| Cheyenne, Wyo..... | 1,913 | Montpelier, Vt..... | 327 | Superior, Wis..... | 1,427 |
| Chicago, Ill..... | 909 | Newark, N. J..... | 9 | Syracuse, N. Y..... | 290 |
| Cincinnati, O..... | 751 | New Orleans, La..... | 1,345 | Tacoma, Wash..... | 3,125 |
| Cleveland, O..... | 579 | Norfolk, Va..... | 347 | Tampa, Fla..... | 1,190 |
| Columbus, O..... | 624 | Ogden, Utah..... | 2,397 | Topeka, Kans..... | 1,409 |
| Concord, N. H..... | 292 | Oklahoma, Okla..... | 1,596 | Trenton, N. J..... | 57 |
| Cumberland, Md..... | 378 | Omaha, Neb..... | 1,397 | Vicksburg, Miss..... | 1,288 |
| Deadwood, S. Dak.... | 1,957 | Parkersburg, W. Va.. | 600 | Vinita, Okla..... | 1,412 |
| Denver, Colo..... | 1,943 | Pendleton, Ore..... | 3,017 | Washington, D. C.... | 227 |
| Des Moines, Ia..... | 1,267 | Philadelphia, Pa..... | 92 | Wheeling, W. Va..... | 496 |
| Detroit, Mich..... | 648 | Phoenix, Ariz..... | 2,724 | Wichita, Kans..... | 1,565 |
| Duluth, Minn..... | 1,522 | | | Wilmington, Del..... | 117 |
| El Paso, Tex..... | 2,298 | | | Wilmington, N. C..... | 593 |

Distances and Mail Time to Foreign Cities from New York

| By Postal Route to— | Statute Miles | Days | By Postal Route to— | Statute Miles | Days |
|--------------------------------|---------------|------|----------------------------------|---------------|------|
| Adelaide, via Vancouver..... | 11,843 | 32 | Hong Kong | 10,453 | 23 |
| Alexandria, via London..... | 6,135 | 17 | Honolulu | 5,599 | 12 |
| Amsterdam, via London..... | 4,043 | 11 | Liverpool | 3,707 | 10 |
| Antwerp, via London..... | 4,015 | 11 | London .. | 3,812 | 9 |
| Athens, via London..... | 5,432 | 18 | Madrid | 4,851 | 13 |
| Bahia, Brazil | 4,709 | 17 | Melbourne | 11,253 | 31 |
| Bangkok, Siam | 14,039 | 38 | Mexico City | 3,760 | 6 |
| Batavia, Java | 11,991 | 35 | Panama | 2,323 | 7 |
| Berlin | 4,597 | 12 | Paris | 3,946 | 10 |
| Bombay | 9,434 | 25 | Petrograd | 5,039 | 18 |
| Bremen | 4,294 | 11 | Quebec, Que. | 555 | 2 |
| Buenos Ayres | 6,914 | 18 | Rio de Janeiro | 5,493 | 13 |
| Calcutta | 11,324 | 28 | Rome | 4,854 | 14 |
| Cape Town | 11,033 | 27 | Rotterdam | 4,010 | 10 |
| Constantinople | 5,809 | 22 | San Juan, Porto Rico..... | 1,611 | 5 |
| Florence | 4,683 | 13 | Shanghai | 9,530 | 23 |
| Glasgow | 3,656 | 10 | Stockholm | 5,405 | 15 |
| Greytown, via New Orleans..... | 2,816 | 11 | Sydney | 11,496 | 30 |
| Hallifax, N. S..... | 686 | 2 | Valparaiso | 5,335 | 21 |
| Hamburg | 4,317 | 11 | Vienna | 4,795 | 14 |
| Havana | 1,560 | 3 | Yokohama, via San Francisco..... | 8,717 | 18 |

Actual Rate of Income

on Dividend-Paying Stocks at Various Prices Par Value \$100.00

| Pr. | 1% | 2% | 3% | 4% | 5% | 6% | 7% | 8% | Price | 3% | 4% | 5% | 6% | 7% | 8% | 9% | 10% | 12% |
|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-----|
| 10 | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 89 | 3.37 | 4.49 | 5.62 | 6.74 | 7.87 | 8.99 | 11.24 | 13.48 | |
| 11 | 9.09 | 18.18 | 27.27 | 36.36 | 45.45 | 54.55 | 63.64 | 72.73 | 90 | 3.33 | 4.44 | 5.56 | 6.67 | 7.78 | 8.89 | 11.11 | 13.33 | |
| 12 | 8.33 | 16.67 | 25.00 | 33.33 | 41.67 | 50.00 | 58.34 | 66.67 | 91 | 3.30 | 4.40 | 5.49 | 6.59 | 7.69 | 8.79 | 11.98 | 13.18 | |
| 13 | 7.69 | 15.38 | 23.08 | 30.77 | 38.46 | 46.15 | 53.85 | 61.54 | 92 | 3.26 | 4.35 | 5.43 | 6.52 | 7.61 | 8.70 | 10.87 | 13.04 | |
| 14 | 7.14 | 14.29 | 21.43 | 28.57 | 35.71 | 42.86 | 50.00 | 57.14 | 93 | 3.23 | 4.30 | 5.38 | 6.45 | 7.53 | 8.60 | 10.75 | 12.90 | |
| 15 | 6.67 | 13.33 | 20.00 | 26.67 | 33.33 | 40.00 | 46.67 | 53.33 | 94 | 3.19 | 4.26 | 5.32 | 6.38 | 7.45 | 8.51 | 10.64 | 12.77 | |
| 16 | 6.25 | 12.50 | 18.75 | 25.00 | 31.25 | 37.50 | 43.75 | 50.00 | 95 | 3.16 | 4.21 | 5.26 | 6.32 | 7.37 | 8.42 | 10.53 | 12.63 | |
| 17 | 5.88 | 11.76 | 17.65 | 23.53 | 29.41 | 35.29 | 41.18 | 47.06 | 96 | 3.13 | 4.17 | 5.21 | 6.25 | 7.29 | 8.33 | 10.42 | 12.50 | |
| 18 | 5.56 | 11.11 | 16.67 | 22.22 | 27.78 | 33.33 | 38.89 | 44.44 | 97 | 3.09 | 4.12 | 5.15 | 6.19 | 7.22 | 8.25 | 10.31 | 12.37 | |
| 19 | 5.26 | 10.53 | 15.79 | 21.05 | 26.32 | 31.58 | 36.84 | 42.11 | 98 | 3.06 | 4.08 | 5.10 | 6.12 | 7.14 | 8.16 | 10.20 | 12.24 | |
| 20 | 5.00 | 10.00 | 15.00 | 20.00 | 25.00 | 30.00 | 35.00 | 40.00 | 99 | 3.03 | 4.04 | 5.05 | 6.06 | 7.07 | 8.08 | 10.10 | 12.12 | |
| 21 | 4.76 | 9.52 | 14.29 | 19.05 | 23.81 | 28.57 | 33.33 | 38.10 | 100 | 3.00 | 4.00 | 5.00 | 6.00 | 7.00 | 8.00 | 10.00 | 12.00 | |
| 22 | 4.55 | 9.09 | 13.64 | 18.18 | 22.73 | 27.27 | 31.82 | 36.36 | 101 | 2.97 | 3.96 | 4.95 | 5.94 | 6.93 | 7.92 | 9.90 | 11.88 | |
| 23 | 4.35 | 8.70 | 13.04 | 17.39 | 21.74 | 26.09 | 30.43 | 34.78 | 102 | 2.94 | 3.92 | 4.90 | 5.88 | 6.86 | 7.84 | 9.80 | 11.76 | |
| 24 | 4.16 | 8.33 | 12.50 | 16.67 | 20.83 | 25.00 | 29.17 | 33.33 | 103 | 2.91 | 3.88 | 4.85 | 5.83 | 6.80 | 7.77 | 9.71 | 11.65 | |
| 25 | 4.00 | 8.00 | 12.00 | 16.00 | 20.00 | 24.00 | 28.00 | 32.00 | 104 | 2.88 | 3.85 | 4.81 | 5.77 | 6.73 | 7.69 | 9.62 | 11.54 | |
| 26 | 3.85 | 7.69 | 11.54 | 15.39 | 19.23 | 23.08 | 26.92 | 30.77 | 105 | 2.86 | 3.81 | 4.76 | 5.71 | 6.67 | 7.62 | 9.52 | 11.43 | |
| 27 | 3.70 | 7.41 | 11.11 | 14.81 | 18.52 | 22.22 | 25.93 | 29.63 | 106 | 2.83 | 3.77 | 4.72 | 5.66 | 6.60 | 7.55 | 9.43 | 11.32 | |
| 28 | 3.57 | 7.14 | 10.71 | 14.29 | 17.86 | 21.43 | 25.00 | 28.57 | 107 | 2.80 | 3.74 | 4.67 | 5.61 | 6.54 | 7.48 | 9.34 | 11.21 | |
| 29 | 3.45 | 6.90 | 10.34 | 13.79 | 17.24 | 20.69 | 24.14 | 27.59 | 108 | 2.78 | 3.70 | 4.63 | 5.56 | 6.48 | 7.41 | 9.26 | 11.11 | |
| 30 | 3.33 | 6.67 | 10.00 | 13.33 | 16.67 | 20.00 | 23.33 | 26.67 | 109 | 2.75 | 3.67 | 4.59 | 5.50 | 6.42 | 7.34 | 9.17 | 11.01 | |
| 31 | 3.23 | 6.45 | 9.68 | 12.90 | 16.13 | 19.35 | 22.58 | 25.81 | 110 | 2.73 | 3.64 | 4.55 | 5.45 | 6.36 | 7.27 | 9.09 | 10.90 | |
| 32 | 3.13 | 6.25 | 9.38 | 12.50 | 15.63 | 18.75 | 21.88 | 25.00 | 112½ | 2.67 | 3.56 | 4.44 | 5.33 | 6.22 | 7.11 | 8.89 | 10.67 | |
| 33 | 3.03 | 6.06 | 9.09 | 12.12 | 15.15 | 18.18 | 21.21 | 24.24 | 115 | 2.61 | 3.48 | 4.35 | 5.22 | 6.09 | 6.96 | 8.70 | 10.43 | |
| 34 | 2.94 | 5.88 | 8.82 | 11.76 | 14.71 | 17.65 | 20.58 | 23.53 | 117½ | 2.55 | 3.40 | 4.26 | 5.11 | 5.96 | 6.81 | 8.51 | 10.21 | |
| 35 | 2.86 | 5.71 | 8.57 | 11.43 | 14.29 | 17.14 | 20.00 | 22.86 | 120 | 2.50 | 3.33 | 4.17 | 5.00 | 5.83 | 6.67 | 8.33 | 10.00 | |
| 36 | 2.78 | 5.56 | 8.33 | 11.11 | 13.89 | 16.67 | 19.44 | 22.22 | 122½ | 2.45 | 3.27 | 4.08 | 4.90 | 5.71 | 6.53 | 8.16 | 9.80 | |
| 37 | 2.70 | 5.41 | 8.11 | 10.81 | 13.51 | 16.22 | 18.92 | 21.62 | 125 | 2.40 | 3.20 | 4.00 | 4.80 | 5.60 | 6.40 | 8.00 | 9.60 | |
| 38 | 2.63 | 5.26 | 7.89 | 10.53 | 13.16 | 15.79 | 18.42 | 21.05 | 127½ | 2.35 | 3.14 | 3.92 | 4.71 | 5.49 | 6.27 | 7.84 | 9.41 | |
| 39 | 2.56 | 5.13 | 7.69 | 10.26 | 12.82 | 15.38 | 17.95 | 20.51 | 130 | 2.31 | 3.08 | 3.85 | 4.62 | 5.38 | 6.15 | 7.69 | 9.23 | |
| 40 | 2.50 | 5.00 | 7.50 | 10.00 | 12.50 | 15.00 | 17.50 | 20.00 | 132½ | 2.26 | 3.02 | 3.77 | 4.53 | 5.28 | 6.04 | 7.55 | 9.06 | |
| 41 | 2.44 | 4.88 | 7.32 | 9.76 | 12.20 | 14.63 | 17.07 | 19.51 | 135 | 2.22 | 2.96 | 3.71 | 4.44 | 5.19 | 5.93 | 7.41 | 8.89 | |
| 42 | 2.38 | 4.76 | 7.14 | 9.52 | 11.90 | 14.29 | 16.67 | 19.05 | 137½ | 2.18 | 2.91 | 3.64 | 4.36 | 5.09 | 5.82 | 7.27 | 8.73 | |
| 43 | 2.33 | 4.65 | 6.98 | 9.30 | 11.63 | 13.97 | 16.28 | 18.60 | 140 | 2.14 | 2.86 | 3.57 | 4.29 | 5.00 | 5.71 | 7.14 | 8.57 | |
| 44 | 2.27 | 4.55 | 6.82 | 9.09 | 11.36 | 13.64 | 15.91 | 18.18 | 142½ | 2.11 | 2.81 | 3.51 | 4.21 | 4.91 | 5.61 | 7.02 | 8.42 | |
| 45 | 2.22 | 4.44 | 6.67 | 8.89 | 11.11 | 13.33 | 15.56 | 17.78 | 145 | 2.07 | 2.76 | 3.45 | 4.14 | 4.83 | 5.52 | 6.90 | 8.28 | |
| 46 | 2.17 | 4.35 | 6.52 | 8.70 | 10.87 | 13.04 | 15.22 | 17.35 | 147½ | 2.03 | 2.71 | 3.39 | 4.07 | 4.75 | 5.42 | 6.78 | 8.14 | |
| 47 | 2.13 | 4.26 | 6.38 | 8.51 | 10.64 | 12.77 | 14.89 | 17.02 | 150 | 2.00 | 2.67 | 3.33 | 4.00 | 4.67 | 5.33 | 6.67 | 8.00 | |
| 48 | 2.08 | 4.17 | 6.25 | 8.33 | 10.42 | 12.50 | 14.58 | 16.67 | 152½ | 1.97 | 2.62 | 3.28 | 3.93 | 4.59 | 5.25 | 6.56 | 7.87 | |
| 49 | 2.04 | 4.08 | 6.12 | 8.16 | 10.20 | 12.24 | 14.28 | 16.33 | 155 | 1.94 | 2.58 | 3.23 | 3.87 | 4.52 | 5.16 | 6.45 | 7.74 | |
| 50 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 160 | 1.88 | 2.50 | 3.13 | 3.75 | 4.38 | 5.00 | 6.25 | 7.50 | |
| 51 | 1.96 | 3.92 | 5.88 | 7.84 | 9.80 | 11.76 | 13.73 | 15.69 | 765 | 1.82 | 2.42 | 3.03 | 3.64 | 4.24 | 4.85 | 6.06 | 7.27 | |
| 52 | 1.92 | 3.85 | 5.77 | 7.69 | 9.62 | 11.54 | 13.46 | 15.38 | | | | | | | | | | |
| 53 | 1.89 | 3.77 | 5.66 | 7.55 | 9.43 | 11.32 | 13.21 | 15.09 | | | | | | | | | | |
| 54 | 1.85 | 3.70 | 5.56 | 7.41 | 9.26 | 11.11 | 12.96 | 14.82 | | | | | | | | | | |
| 55 | 1.82 | 3.64 | 5.45 | 7.27 | 9.09 | 10.91 | 12.73 | 14.55 | | | | | | | | | | |
| 56 | 1.79 | 3.57 | 5.36 | 7.14 | 8.93 | 10.72 | 12.50 | 14.29 | | | | | | | | | | |
| 57 | 1.75 | 3.51 | 5.26 | 7.02 | 8.77 | 10.53 | 12.28 | 14.04 | | | | | | | | | | |
| 58 | 1.72 | 3.45 | 5.17 | 6.90 | 8.62 | 10.34 | 12.07 | 13.79 | | | | | | | | | | |
| 59 | 1.69 | 3.39 | 5.08 | 6.78 | 8.47 | 10.17 | 11.86 | 13.56 | | | | | | | | | | |
| 60 | 1.67 | 3.33 | 5.00 | 6.67 | 8.34 | 10.00 | 11.67 | 13.34 | | | | | | | | | | |
| 61 | 1.64 | 3.28 | 4.92 | 6.56 | 8.20 | 9.84 | 11.48 | 13.11 | | | | | | | | | | |
| 62 | 1.61 | 3.23 | 4.84 | 6.45 | 8.06 | 9.68 | 11.29 | 12.90 | | | | | | | | | | |
| 63 | 1.59 | 3.17 | 4.76 | 6.35 | 7.94 | 9.52 | 11.11 | 12.70 | | | | | | | | | | |
| 64 | 1.56 | 3.13 | 4.69 | 6.25 | 7.81 | 9.38 | 10.94 | 12.50 | | | | | | | | | | |
| 65 | 1.54 | 3.08 | 4.62 | 6.15 | 7.69 | 9.23 | 10.77 | 12.31 | | | | | | | | | | |
| 66 | 1.52 | 3.03 | 4.55 | 6.06 | 7.58 | 9.09 | 10.61 | 12.12 | | | | | | | | | | |
| 67 | 1.49 | 2.99 | 4.49 | 5.97 | 7.46 | 8.96 | 10.45 | 11.94 | | | | | | | | | | |
| 68 | 1.47 | 2.94 | 4.41 | 5.88 | 7.35 | 8.81 | 10.29 | 11.76 | | | | | | | | | | |
| 69 | 1.45 | 2.90 | 4.35 | 5.80 | 7.25 | 8.70 | 10.14 | 11.59 | | | | | | | | | | |
| 70 | 1.43 | 2.86 | 4.29 | 5.71 | 7.14 | 8.57 | 10.00 | 11.43 | | | | | | | | | | |
| 71 | 1.41 | 2.82 | 4.23 | 5.63 | 7.04 | 8.45 | 9.86 | 11.27 | | | | | | | | | | |
| 72 | 1.39 | 2.78 | 4.17 | 5.56 | 6.94 | 8.33 | 9.72 | 11.11 | | | | | | | | | | |
| 73 | 1.37 | 2.74 | 4.11 | 5.48 | 6.85 | 8.22 | 9.59 | 10.96 | | | | | | | | | | |
| 74 | 1.35 | 2.70 | 4.05 | 5.41 | 6.76 | 8.11 | 9.46 | 10.81 | | | | | | | | | | |
| 75 | 1.33 | 2.67 | 4.00 | 5.33 | 6.67 | 8.00 | 9.33 | 10.67 | | | | | | | | | | |
| 76 | 1.32 | 2.63 | 3.95 | 5.26 | 6.58 | 7.89 | 9.21 | 10.53 | | | | | | | | | | |
| 77 | 1.30 | 2.60 | 3.90 | 5.19 | 6.49 | 7.79 | 9.09 | 10.39 | | | | | | | | | | |
| 78 | 1.28 | 2.56 | 3.85 | 5.13 | 6.41 | 7.69 | 8.97 | 10.26 | | | | | | | | | | |
| 79 | 1.27 | 2.53 | 3.80 | 5.06 | 6.33 | 7.59 | 8.86 | 10.13 | | | | | | | | | | |
| 80 | 1.25 | 2.50 | 3.75 | 5.00 | 6.25 | 7.50 | 8.75 | 10.00 | | | | | | | | | | |
| 81 | 1.23 | 2.47 | 3.70 | 4.94 | 6.17 | 7.41 | 8.64 | 9.88 | | | | | | | | | | |
| 82 | 1.22 | 2.44 | 3.66 | 4.88 | 6.10 | 7.32 | 8.54 | 9.76 | | | | | | | | | | |
| 83 | 1.20 | 2.41 | 3.61 | 4.82 | 6.02 | 7.23 | 8.43 | 9.64 | | | | | | | | | | |
| 84 | 1.19 | 2.38 | 3.57 | 4.76 | 5.95 | 7.14 | 8.33 | 9.52 | | | | | | | | | | |
| 85 | 1.18 | 2.35 | 3.53 | 4.71 | 5.88 | 7.06 | 8.24 | 9.41 | | | | | | | | | | |
| 86 | 1.16 | 2.33 | 3.49 | 4.65 | 5.81 | 6.98 | 8.14 | 9.30 | | | | | | | | | | |
| 87 | 1.15 | 2.30 | 3.45 | 4.60 | 5.75 | 6.90 | 8.05 | 9.20 | | | | | | | | | | |
| 88 | 1.14 | 2.27 | 3.41 | 4.55 | 5.68 | 6.82 | 7.95 | 9.09 | | | | | | | | | | |

| Price | 4% | 5% | 6% | 7% | 8% | 10% | 12% | 14% |
|-------|------|------|------|------|------|------|------|------|
| 170 | 2.35 | 2.94 | 3.53 | 4.12 | 4.71 | 5.88 | 7.06 | 8.24 |
| 175 | 2.29 | 2.86 | 3.43 | 4.00 | 4.57 | 5.71 | 6.86 | 8.00 |
| 180 | 2.22 | 2.78 | 3.33 | 3.89 | 4.44 | 5.56 | 6.67 | 7.78 |
| 185 | 2.16 | 2.70 | 3.24 | 3.78 | 4.32 | 5.41 | 6.49 | 7.57 |
| 190 | 2.11 | 2.63 | 3.16 | 3.68 | 4.21 | 5.26 | 6.32 | 7.37 |
| 195 | 2.05 | 2.56 | 3.08 | 3.59 | 4.10 | 5.13 | 6.15 | 7.18 |
| 200 | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 5.00 | 6.00 | 7.00 |
| 205 | 1.95 | 2.44 | 2.93 | 3.41 | 3.90 | 4.88 | 5.85 | 6.83 |
| 210 | 1.90 | 2.38 | 2.86 | 3.33 | 3.81 | 4.76 | 5.71 | 6.67 |
| 215 | 1.86 | 2.33 | 2.79 | 3.26 | 3.72 | 4.65 | 5.58 | 6.51 |
| 220 | 1.82 | 2.27 | 2.73 | 3.18 | 3.64 | 4.55 | 5.45 | 6.36 |
| 225 | 1.78 | 2.22 | 2.67 | 3.11 | 3.56 | 4.44 | 5.33 | 6.22 |
| 230 | 1.74 | 2.17 | 2.61 | 3.04 | 3.48 | 4.35 | 5.22 | 6.09 |
| 235 | 1.70 | 2.13 | 2.55 | 2.98 | 3.40 | 4.26 | 5.11 | 5.96 |
| 240 | 1.67 | 2.08 | 2.50 | 2.92 | 3.33 | 4.17 | 5.00 | 5.83 |
| 245 | 1.63 | 2.04 | 2.45 | 2.86 | 3.27 | 4.08 | 4.90 | 5.71 |
| 250 | 1.60 | 2.00 | 2.40 | 2.80 | 3.20 | 4.00 | 4.80 | 5.60 |
| 255 | 1.57 | 1.96 | 2.35 | 2.75 | 3.14 | 3.92 | 4.71 | 5.49 |
| 260 | 1.54 | 1.92 | 2.31 | 2.69 | 3.08 | 3.85 | 4.62 | 5.38 |
| 265 | 1.51 | 1.89 | 2.26 | 2.64 | 3.02 | 3.77 | 4.53 | 5.28 |
| 270 | 1.48 | 1.85 | 2.22 | 2.59 | 2.96 | 3.70 | 4.44 | 5.19 |
| 275 | 1.45 | 1.82 | 2.18 | 2.55 | 2.91 | 3.64 | 4.36 | 5.09 |
| 280 | 1.43 | 1.79 | 2.14 | 2.50 | 2.86 | 3.57 | 4.29 | 5.00 |
| 285 | 1.40 | 1.75 | 2.11 | 2.46 | 2.81 | 3.51 | 4.21 | 4.91 |
| 290 | 1.38 | 1.72 | 2.07 | 2.41 | 2.76 | 3.45 | 4.14 | 4.83 |
| 295 | 1.36 | 1.69 | 2.03 | 2.37 | 2.71 | 3.39 | 4.07 | 4.75 |
| 300 | 1.33 | 1.67 | 2.00 | 2.33 | 2.67 | 3.33 | 4.00 | 4.67 |
| 310 | 1.29 | 1.61 | 1.94 | 2.26 | 2.58 | 3.23 | 3.87 | 4.52 |
| 320 | 1.25 | 1.56 | 1.88 | 2.19 | 2.50 | 3.13 | 3.75 | 4.38 |
| 330 | 1.21 | 1.52 | 1.82 | 2.12 | 2.42 | 3.03 | 3.64 | 4.24 |
| 340 | 1.18 | 1.47 | 1.76 | 2.06 | 2.35 | 2.94 | 3.53 | 4.12 |
| 350 | 1.14 | 1.43 | 1.71 | 2.00 | 2.28 | 2.86 | 3.43 | 4.00 |
| 400 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.50 | 3.00 | 3.50 |
| 500 | .80 | 1.00 | 1.20 | 1.40 | 1.60 | 2.00 | 2.40 | 2.80 |

USEFUL INFORMATION.

To find diameter of a circle multiply circumference by .31831.
 To find circumference of a circle multiply diameter by 3.1416.
 To find area of a circle multiply square of diameter by .7854.
 To find surface of a ball multiply square of diameter by 3.1416.
 To find side of an equal square multiply diameter by .8862.
 To find cubic inches in a ball multiply cube of diameter by .5236.
 Doubling the diameter of a pipe increases its capacity four times.
 Double riveting is from 16 to 20 per cent. stronger than single.
 One cubic foot of anthracite coal weighs about 53 pounds.
 One cubic foot of bituminous coal weighs from 47 to 50 pounds.
 One ton of coal is equivalent to two cords of wood for steam purposes.
 A gallon of water (U. S. Standard) weighs 8½ lbs. and contains 231 cubic inches.
 There are nine square feet of heating surface to each square foot of grate surface.
 A cubic foot of water contains 7½ gallons 1728 cubic inches, and weighs 62½ lbs.
 Each nominal horse power of a boiler requires 30 to 35 lbs. of water per hour.
 To sharpen dull files lay them in dilute sulphuric

acid until they are eaten deep enough.
 A horse power is equivalent to raising 33,000 lbs. one foot per minute, or 550 lbs. one foot per second.
 The average consumption of coal for steam boilers is 12 lbs. per hour for each square foot of grate surface.
 To find the pressure in pounds per square inch of a column of water, multiply the height of the column in feet by .434.
 Steam rising from water at its boiling point (212 degrees) has a pressure equal to the atmosphere (14.7 lbs. to the square inch).
 To evaporate one cubic foot of water requires the consumption of 7½ lbs. of ordinary coal, or about 1 lb. of coal to 1 gallon of water.
 One sixth of tensile strength of plate multiplied by thickness of plate and divided by one-half the diameter of boiler gives safe working pressure for tubular boilers. For marine boilers add 20 per cent. for drilled holes.
 One-half the diameter of boiler gives safe working pressure for tubular boilers. For marine boilers add 20 per cent. for drilled holes.
 No plate or bars of either Steel or Iron should be worked at a black or blue heat (say about 500°); the material will stand far more strain either red hot or cold, while at an intermediate point great risks will be run, and possibly strains produced which result in rupture later on.

USEFUL INFORMATION FOR CONTRACTORS.

One thousand shingles, laid four inch to the weather, will cover one hundred square feet of surface and five lbs. of shingle nails will fasten them on.

One-fifth more siding and flooring is needed than the number of square feet of surface to be covered because of the lap in siding and flooring.

One thousand laths will cover seventy yards of surface and eleven pounds of lath nails will nail them on.

Eight bushels of good lime, sixteen bushels of sand and one bushel of hair will make enough good mortar to plaster 100 square yards.

One cord of stone, three bushels of lime and a cubic yard of sand will lay one hundred cubic feet of wall.

Cement one bushel, and sand two bushels, will cover 3½ square yards, one inch thick; 4½ square yards ¾ inch thick, and 6½ square yards ½ inch thick.

One bushel of cement and one bushel of sand will cover 2½ square yards one inch thick; 3 square yards ¾ inch thick, and 4½ square yards ½ inch thick.

AMOUNT OF PAINT REQUIRED FOR A GIVEN SURFACE.

It is impossible to give a rule that will apply in all cases, as the amount varies with the kind and the thickness of the paint, the kind of wood or other material to which it is applied, the age of the surface, etc. The following is an approxi-

mate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats: or divide by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

ROOF ELEVATIONS

By the "pitch" of a roof is meant the relation which the height of the ridge above the level of the roof-plates bears to the span, or the distance between the studs on which the roof rests.

The length of rafters for the most common pitches can be found as follows from any given span:

| | | |
|-------------|-----------------------|-----------------|
| If ¼ pitch, | multiply span by .559 | or 7-12 nearly. |
| If ½ " | " " " " .5 | " " 3-5 " |
| If ¾ " | " " " " .625 | " " 5-8 " |
| If 1 " | " " " " .71 | " " 7-10 " |
| If 1 ¼ " | " " " " .8 | " " 4-5 " |
| If full " | " " " " 1.12 | " " 1.13 " |

To length thus obtained must be added amount of projections of rafters at the eaves.

As the rafters must be purchased of even lengths, a few inches more or less on their length will make a difference to the pitch so slight that it cannot be detected by the eye.

Example.—To determine the length of rafters for a roof constructed, one-half pitch, with a span of 24 ft.— $24 \times .71 = 17.04$; or, practically, just 17 feet. A projection of one foot for eaves makes the length to be purchased 18 feet.

PAINTER, GLAZIER and PAPER-HANGER.

One pound of paint will cover about four superficial yards the first coat, and about six yards each additional coat.

About one pound of putty for stopping, will be

required for every twenty yards.

One gallon of tar and one pound of pitch will cover about twelve yards superficial the first coat, and about seventeen yards each additional coat.

Calculating Speed of Pulleys

I.—The diameter of the driver and driven being given, to find the number of revolutions of the driven.

Rule.—Multiply the diameter of the driver by its number of revolutions, and divide the product by the diameter of the driven; the quotient will be the number of revolutions.

II.—The diameter and the revolutions of the driver being given to find the diameter of the driven, that shall make any given number of revolutions

in the same time.

Rule.—Multiply the diameter of the driver by its number of revolutions, and divide the product by the number of revolutions of the driven; the quotient will be its diameter.

III.—To ascertain the size of the driver.

Rule.—Multiply the diameter of the driven by the number of revolutions you wish to make, and divide the product by the revolutions of the driver; the quotient will be the size of the driver.

CENSUS 1940

Cities in U. S. A. of 15,000 and over

| | | | | | |
|---------------------|---------|---------------------|-----------|---------------------|-----------|
| Aberdeen, S. D.. | 17,015 | Beverly, Mass.... | 25,537 | Columbia, S. C.. | 62,396 |
| Aberdeen, Wash.. | 18,846 | Biddeford, Me.... | 19,790 | Columbus, Ga.... | 53,280 |
| Abilene, Tex. .. | 26,612 | Billings, Mont.... | 23,261 | Columbus, Ohio... | 306,087 |
| Abington, Pa. .. | 20,857 | Biloxi, Miss..... | 17,475 | Compton, Cal..... | 16,198 |
| Ada, Okla. | 15,143 | Binghamton, N.Y. | 78,309 | Concord, N. C.... | 15,572 |
| Akron, Ohio..... | 244,791 | Birmingham, Ala.. | 267,583 | Concord, N. H.... | 27,171 |
| Alameda, Cal.... | 36,256 | Bismarck, N. D.... | 15,496 | Corning, N. Y.... | 16,212 |
| Albany, Ga..... | 19,055 | Bloomfield, N. J.. | 41,623 | Cor. Christi, Tex. | 57,301 |
| Albany, N. Y.... | 130,577 | Bloomington, Ill.. | 32,868 | Corsicana, Tex. . | 15,232 |
| Albuquerque, N.M. | 35,449 | Bloomington, Ind. | 20,870 | Cortland, N. Y.... | 15,881 |
| Alexandria, La.. | 27,066 | Bluefield, W. Va. | 20,641 | Coun. Bluffs, Ia. | 41,439 |
| Alexandria, Va.. | 33,523 | Blue Island, Ill.. | 16,638 | Covington, Ky.... | 62,018 |
| Alhambra, Cal.... | 38,935 | Boise City, Idaho. | 26,130 | Cranston, R. I.... | 47,085 |
| Aliquippa, Pa. . | 27,023 | Boston, Mass..... | 770,816 | Cumberland, Md. | 39,483 |
| Allentown, Pa. . | 96,904 | Braddock, Pa. .. | 18,326 | Cuyahoga Falls, O. | 20,546 |
| Alliance, Ohio.... | 22,405 | Bradford, Pa. .. | 17,691 | Dallas, Tex. | 294,734 |
| Alton, Ill..... | 31,255 | Braintree, Mass.. | 16,378 | Danbury, Conn.... | 22,339 |
| Altoona, Pa. | 80,214 | Brem'ton, Wash. | 15,134 | Danville, Ill..... | 36,919 |
| Amarillo, Tex.... | 51,686 | Bridgeport, Conn. | 147,121 | Danville, Va. | 32,749 |
| Ambridge, Pa. . | 18,968 | Bridgeton, N. J.. | 15,992 | Davenport, Ia.... | 66,039 |
| Amsterdam, N. Y. | 33,329 | Bristol, Conn.... | 30,167 | Dayton, Ohio..... | 210,718 |
| Anderson, Ind.... | 41,572 | Brockton, Mass.. | 62,343 | Daytona Bch, Fla. | 22,584 |
| Anderson, S. C.. | 19,424 | Brookline, Mass.. | 49,786 | Dearborn, Mich.. | 63,584 |
| Ann Arbor, Mich. | 29,815 | Brownsville, Tex. | 22,083 | Decatur, Ala..... | 16,604 |
| Anniston, Ala.... | 25,523 | Brunswick, Ga.... | 15,035 | Decatur, Ga..... | 16,561 |
| Ansonia, Conn.... | 19,210 | Buffalo, N. Y.... | 575,901 | Decatur, Ill..... | 59,305 |
| Appleton, Wis. . | 28,436 | Burbank, Cal..... | 34,337 | Dedham, Mass.... | 15,508 |
| Ardmore, Okla.. | 16,886 | Burlingame, Cal.. | 15,940 | Denison, Tex. | 15,581 |
| Arlington, Mass. | 40,013 | Burlington, Ia.... | 25,832 | Denver, Colo..... | 322,412 |
| Arlington, Va. . | 57,040 | Burlington, Vt.... | 27,686 | Des Moines, Ia.... | 159,819 |
| Asheville, N. C. | 51,310 | Butler, Pa. | 24,477 | Detroit, Mich.... | 1,623,452 |
| Ashland, Ky..... | 29,537 | Butte, Mont. | 37,081 | Dothan, Ala..... | 17,194 |
| Ashtabula, Ohio.. | 21,405 | Cambridge, Mass. | 110,879 | Dubuque, Ia..... | 43,892 |
| Athens, Ga..... | 20,650 | Cambridge, Ohio.. | 15,044 | Duluth, Minn.... | 101,065 |
| Atlanta, Ga..... | 302,288 | Camden, N. J.... | 117,536 | Dunkirk, N. Y. . | 17,713 |
| Atlantic City, N.J. | 64,094 | Canton, Ohio..... | 108,401 | Dunmore, Pa. | 23,086 |
| Attleboro, Mass. | 22,071 | Cape Gir'd'u, Mo. | 19,426 | Duquesne, Pa. . | 20,693 |
| Auburn, Me..... | 19,817 | Carbondale, Pa. . | 19,371 | Durham, N. C.... | 60,195 |
| Auburn, N. Y.... | 35,753 | Casper, Wyo..... | 17,964 | East Chicago, Ind. | 54,637 |
| Augusta, Ga..... | 65,919 | Cedar Rapids, Ia. | 62,120 | E. Cleveland, O.. | 39,495 |
| Augusta, Me..... | 19,360 | Central Falls, R.I. | 25,248 | E. Hartford, Conn. | 18,615 |
| Aurora, Ill..... | 47,170 | Centralia, Ill.... | 16,343 | E. Liverpool, O.. | 23,555 |
| Austin, Minn.... | 18,307 | Champaign, Ill.. | 23,302 | Easton, Pa. | 33,589 |
| Austin, Tex. | 87,930 | Charleston, S. C. | 71,275 | East Orange, N. J. | 68,945 |
| Bakersfield, Cal.. | 29,252 | Ch'leston, W. Va. | 67,914 | E. Provid., R. I. | 32,165 |
| Baltimore, Md.... | 359,100 | Charlotte, N. C.. | 100,899 | E. St. Louis, Ill.. | 75,609 |
| Bangor, Me..... | 29,822 | Charl'tesv'le, Va. | 19,400 | Eau Claire, Wis. | 30,745 |
| Barberton, Ohio.. | 24,028 | Chat'ooga, Tenn.. | 128,163 | El Dorado, Ark.... | 15,858 |
| Bartlesville, Okla. | 16,267 | Chelsea, Mass.... | 41,259 | Elgin, Ill..... | 38,333 |
| Batavia, N. Y.... | 17,267 | Cheltenham, Pa. | 19,082 | Elizabeth, N. J.. | 109,912 |
| Baton Rouge, La. | 34,719 | Chester, Pa. | 59,285 | Elkhart, Ind..... | 33,434 |
| Battle C'k, Mich. | 43,453 | Cheyenne, Wyo.... | 22,474 | Elmhurst, Ill..... | 15,458 |
| Bay City, Mich.. | 47,956 | Chicago, Ill..... | 3,396,808 | Elmira, N. Y.... | 45,106 |
| Bayonne, N. J.... | 79,198 | Chicago Hts., Ill. | 22,461 | El Paso, Tex..... | 96,810 |
| Beaumont, Tex. . | 59,061 | Chicopee, Mass.... | 41,664 | Elyria, Ohio..... | 25,120 |
| Beaver Falls, Pa. | 17,098 | Chillicothe, Ohio. | 20,129 | Endicott, N. Y.. | 17,702 |
| Belleville, Ill.... | 28,405 | Cicero, Ill..... | 64,712 | Englewood, N. J. | 18,966 |
| Belleville, N. J.. | 28,167 | Cincinnati, Ohio. | 455,610 | Enid, Okla..... | 28,081 |
| Bell'gham, Wash. | 29,314 | Clairton, Pa. | 16,381 | Erie, Pa. | 116,955 |
| Belmont, Mass.... | 26,867 | Clarksb'g, W. Va. | 30,579 | Euclid, Ohio..... | 17,866 |
| Beloit, Wis..... | 25,365 | Cleveland, Ohio.. | 878,336 | Eugene, Ore. | 20,838 |
| Belvedere, Cal.... | 37,192 | Cleveland Hts., O. | 54,992 | Eureka, Cal..... | 17,055 |
| Ben. H'bor, Mich. | 16,668 | Cliffside Pk, N. J. | 16,892 | Evanston, Ill.... | 65,389 |
| Berkeley, Cal.... | 85,547 | Clifton, N. J..... | 48,827 | Evansville, Ind.... | 97,062 |
| Berlin, N. H.... | 19,084 | Clinton, Ia..... | 26,270 | Everett, Mass.... | 46,784 |
| Berwyn, Ill..... | 48,451 | Coffeyville, Kan.. | 17,355 | Everett, Wash.... | 30,224 |
| Bessemer, Ala.... | 22,826 | Cohoes, N. Y.... | 21,955 | Fairmont, W. Va. | 23,105 |
| Bethlehem, Pa.... | 53,490 | Colo. Spgs., Colo. | 36,789 | Fall River, Mass. | 115,428 |
| Beverly Hills, Cal. | 26,823 | Columbia, Mo.... | 18,399 | | |

Census 1940 - Continued

Fargo, N. D.... 32,580
 Fayetteville, N. C. 17,428
 Ferndale, Mich.. 22,523
 Findlay, Ohio.... 20,228
 Fitchburg, Mass.. 41,824
 Flint, Mich.....151,543
 Florence, Ala.... 15,043
 Florence, S. C... 16,054
 Ft. du Lac, Wis.. 27,209
 Ft. Dodge, Ia... 22,904
 Ft. Laud'le, Fla. 17,996
 Fort Smith, Ark. 36,584
 Ft. Wayne, Ind..118,410
 Ft. Worth, Tex..177,662
 Fram'ham, Mass. 23,214
 Frederick, Md. .. 15,802
 Freeport, Ill.... 22,366
 Freeport, N. Y... 20,410
 Fresno, Cal..... 60,685

Gadsden, Ala..... 36,975
 Galesburg, Ill.... 28,876
 Galveston, Tex... 60,862
 Gardner, Mass.... 20,206
 Garfield, N. J.... 28,044
 Garfield Hts., O. 16,989
 Gary, Ind.....111,719
 Gastonia, N. C. .. 21,313
 Geneva, N. Y.... 15,555
 Glendale, Cal.... 82,582
 Glens Falls, N.Y. 18,836
 Gloucester, Mass. 24,046
 Gloversville, N. Y. 23,329
 Goldsboro, N. C. 17,274
 Gd. Forks, N. D. 20,228
 Gd. Island, Neb.. 19,130
 G. R'pids, Mich..164,292
 Granite City, Ill. 22,974
 Great Falls, Mont. 29,928
 Greeley, Colo....15,995
 Green Bay, Wis. 46,235
 Greenfield, Mass. 15,672
 Greensboro, N. C. 59,319
 Greensburg, Pa. . 16,743
 Greenville, Miss.. 20,892
 Greenville, S. C. 34,734
 Gulfport, Miss.... 15,195

Hackensack, N. J. 26,279
 Hagerstown, Md. 32,491
 Hamilton, Ohio... 50,592
 Hammond, Ind. .. 70,184
 Hamtra'ck, Mich. 49,839
 Hannibal, Mo.... 20,865
 Hanover, Pa. ... 16,439
 Harrisburg, Pa.. 83,893
 Hartford, Conn..166,267
 Harvey, Ill.....17,878
 Hastings, Neb.... 15,145
 Hattiesburg, Miss. 21,026
 Haverford, Pa.... 27,594
 Haverhill, Mass.. 46,752
 Hazleton, Pa. ... 38,009
 Helena, Mont.... 15,056
 Hempstead, N. Y. 20,856
 Hibbing, Minn... 16,385
 Highl'd Pk. Mich. 50,810
 High Point, N.C. 38,495
 Hillside, N. J... 18,556
 Hoboken, N. J... 50,115
 Holyoke, Mass... 53,750
 Homestead, Pa. . 19,041
 Hornell, N. Y... 15,649
 Hot Springs, Ark. 21,370

Houston, Tex. ...384,514
 Hunt'ton, W. Va. 78,836
 Hunting. Pk., Cal. 28,648
 Hutchinson, Kan.. 30,013
 Idaho Falls, Idaho 15,024
 Independence, Mo. 16,066
 Indian'olis, Ind..386,972
 Inglewood, Cal.... 30,114
 Iowa City, Ia.... 17,182
 Irondequoit, N.Y. 23,376
 Ironton, Ohio.... 15,851
 Irvington, N. J. 55,328
 Ithaca, N. Y.... 19,730

Jackson, Mich. .. 49,656
 Jackson, Miss.... 62,107
 Jackson, Tenn.... 24,332
 Jacksonville, Fla..173,065
 Jacksonville, Ill.. 19,844
 Jamestown, N. Y. 42,638
 Janesville, Wis. . 22,992
 Jeannette, Pa. .. 16,220
 Jeff'rson City, Mo. 24,268
 Jer. City, N. J..301,173
 John. City, N. Y. 18,039
 John. City, Tenn. 22,763
 Johnstown, Pa. .. 66,668
 Joliet, Ill.....42,365
 Joplin, Mo..... 37,144

Kalamazoo, Mich. 54,097
 Kankakee, Ill.... 22,241
 Kan. City, Kan..121,458
 Kan. City, Mo....399,178
 Kearny, N. J.... 39,467
 Kenmore, N. Y... 18,612
 Kenosha, Wis. .. 48,765
 Keokuk, Ia..... 15,076
 Kewanee, Ill.... 16,901
 Kingston, N. Y... 28,589
 Kingston, Pa. ... 20,679
 Kingston, N. C... 15,388
 Kl'ath Falls, Ore. 16,497
 Knoxville, Tenn..111,580
 Kokomo, Ind..... 33,795

Lackawanna, N.Y. 24,058
 La Crosse, Wis.. 42,707
 Lafayette, Ind.... 28,798
 Lafayette, La.... 19,210
 La Grange, Ga.... 21,983
 Lake Charles, La. 21,207
 Lakeland, Fla.... 22,068
 Lakewood, Ohio... 69,160
 Lancaster, Ohio... 21,940
 Lancaster, Pa. .. 61,345
 Lansing, Mich.... 78,753
 La Porte, Ind.... 16,180
 Laredo, Tex.... 39,274
 Laurel, Miss.... 20,598
 Lawrence, Mass... 84,323
 Lawton, Okla.... 18,055
 Leavenworth, Kan. 19,220
 Lebanon, Pa. ... 27,206
 Leominster, Mass. 22,226
 Lewiston, Me. ... 38,598
 Lexington, Ky... 49,304
 Lima, Ohio..... 44,711
 Lincoln, Neb.... 81,984
 Lincoln Pk., Mich. 15,236
 Linden, N. J.... 24,115
 Little Rock, Ark. 88,039
 Lockport, N. Y... 24,379

Logansport, Ind.. 20,177
 Long Beach, Cal..164,271
 Long Branch, N.J. 17,408
 Lorain, Ohio..... 44,125
 Los Ang'les, Cal.1,504,277
 Louisville, Ky....319,077
 Lowell, Mass. ...101,389
 Lower Merion, Pa. 39,566
 Lubbock, Tex. ... 31,853
 Lynchburg, Va... 44,541
 Lyndhurst, N. J. 17,454
 Lynn, Mass..... 98,123

Macon, Ga..... 57,865
 Madison, Wis.... 67,447
 Malden, Mass.... 58,010
 Manchester, N. H. 77,685
 Manitowoc, Wis.. 24,404
 Mankato, Minn... 15,654
 Mansfield, Ohio... 37,154
 Maplewood, N. J. 23,139
 Marion, Ind..... 26,767
 Marion, Ohio..... 30,817
 Marshall, Tex. ... 18,410
 Marshalltown, Ia. 19,240
 Mart'sb'g, W. Va. 15,063
 Mason City, Ia... 27,080
 Massillon, Ohio... 26,644
 Mattoon, Ill..... 15,827
 Maywood, Ill.... 26,648
 McKeesport, Pa.. 55,355
 McKees Rocks, Pa. 17,021
 Meadville, Pa. . 18,919
 Medford, Mass... 63,083
 Melrose, Mass.... 25,333
 Memphis, Tenn..292,942
 Meriden, Conn.... 39,494
 Meridian, Miss... 35,481
 Methuen, Mass... 21,880
 Miami, Fla.....172,172
 Miami Bch., Fla. 28,012
 Mich. City, Ind.. 26,476
 Middletown, Conn. 26,495
 Middletown, N. Y. 21,908
 Middletown, Ohio 31,220
 Milford, Mass.... 15,388
 Milton, Mass..... 18,708
 Milwaukee, Wis..587,472
 Min'polis, Minn. 492,370
 Minot, N. D..... 16,577
 Mishawaka, Ind... 28,298
 Missoula, Mont. . 18,449
 Mobile, Ala..... 78,720
 Modesto, Cal..... 16,379
 Moline, Ill..... 34,608
 Monessen, Pa. ... 20,257
 Monroe, La..... 28,309
 Monroe, Mich.... 18,478
 Montclair, N. J. 39,807
 Montgomery, Ala. 78,084
 Morg'tn, W. Va. 16,655
 Morristown, N. J. 15,270
 Mt. Carmel, Pa. 17,780
 Marl'burgh, Mass. 15,154
 Marquette, Mich. 15,928
 Mt. Lebanon, Pa. 19,571
 Mt. Vernon, N.Y. 67,362
 Muncie, Ind..... 49,720
 Muscatine, Ia.... 18,286
 Muskegon, Mich.. 47,697
 M'k'n Hts., Mich. 16,047
 Muskogee, Okla.. 32,332
 Nanticoke, Pa. .. 24,387

Census 1940 - Continued

Nashua, N. H... 32,927
 Nashville, Tenn... 167,402
 Natchez, Miss... 15,296
 Naugatuck, Conn... 15,388
 New Albany, Ind. 25,414
 Newark, N. J.... 429,760
 Newark, Ohio.... 31,487
 N. Bedf'd, Mass. 110,341
 N. Britain, Conn. 68,685
 N. Brunsw'k, N.J. 33,180
 Newburgh, N. Y. 31,883
 New Castle, Ind. 16,620
 New Castle, Pa. 47,638
 N. Haven, Conn. 160,605
 N. Kens'ton, Pa. 24,055
 N. Lodon, Conn. 30,456
 New Orleans, La. 494,537
 Newport, Ky.... 30,631
 Newport, R. I... 30,532
 Newport News, Va. 37,067
 N. Rochelle, N.Y. 58,408
 Newton, Mass.... 69,873
 New York, N. Y. 7,454,995
 Niag. Falls, N.Y. 78,029
 Niles, Ohio..... 16,273
 Norfolk, Va.... 144,332
 Norristown, Pa. 38,181
 No. Adams, Mass. 22,213
 North'pton, Mass. 24,794
 No. Bergen, N. J. 39,714
 No. Braddock, Pa. 15,679
 No. Lit. Rock, Ark. 21,137
 No. To'w'da, N.Y. 20,254
 Norwalk, Conn.... 39,849
 Norwich, Conn.... 23,652
 Norwood, Mass.... 15,383
 Norwood, Ohio... 34,010
 Nutley, N. J..... 21,954

Oakland, Cal.... 302,163
 Oak Park, Ill.... 66,015
 Ogden, Utah ... 43,688
 Ogdensburg, N. Y. 16,346
 Oil City, Pa.... 20,379
 Okla. City, Okla. 204,424
 Okmulgee, Okla. 16,051
 Olean, N. Y.... 21,506
 Omaha, Neb..... 223,844
 Orange, N. J.... 35,717
 Orlando, Fla.... 36,736
 Oshkosh, Wis. ... 39,089
 Ossining, N. Y... 15,996
 Oswego, N. Y... 22,062
 Ottawa, Ill..... 16,005
 Ottumwa, Ia.... 31,570
 Owensboro, Ky... 30,245

Paducah, Ky.... 33,765
 Palo Alto, Cal... 16,774
 Paris, Tex..... 18,678
 Park'sb'g, W. Va. 30,103
 Parma, Ohio..... 16,365
 Pasadena, Cal... 81,864
 Passaic, N. J... 61,394
 Paterson, N. J... 139,656
 Pawtucket, R. I. 75,797
 Peabody, Mass... 21,711
 Peekskill, N. Y. 17,311
 Pekin, Ill..... 19,407
 Pennsauken, N. J. 17,745
 Pensacola, Fla.... 37,449
 Peoria, Ill..... 105,087
 Perth Amboy, N.J. 41,242
 Petersburg, Va. . 30,631

Phenix City, Ala. 15,351
 Phila., Pa. ... 1,931,334
 Phillipsburg, N. J. 18,314
 Phoenix, Ariz.... 65,414
 Pine Bluff, Ark... 21,290
 Piqua, Ohio..... 16,049
 Pittsburg, Kan... 17,571
 Pittsburgh, Pa... 671,659
 Pittsfield, Mass... 49,684
 Pittston, Pa. ... 17,828
 Plainfield, N. J. 37,469
 Plains, Pa. 15,621
 Plattsburgh, N. Y. 16,351
 Plymouth, Pa. ... 15,507
 Pocatello, Idaho... 18,133
 Pomona, Cal.... 23,539
 Ponca City, Okla. 16,794
 Pontiac, Mich.... 66,626
 Pt. Arthur, Tex... 46,140
 Pt. Chester, N. Y. 23,073
 Pt. Huron, Mich. 32,759
 Portland, Me.... 73,643
 Portland, Ore.... 305,394
 Portsmouth, Ohio. 40,466
 Portsmouth, Va... 50,745
 Pottstown, Pa... 20,194
 Pottsville, Pa... 24,530
 P'ghkeepsie, N.Y. 40,478
 Providence, R. I. 253,504
 Provo, Utah 18,071
 Pueblo, Colo.... 52,162

Quincy, Ill..... 40,469
 Quincy, Mass.... 75,810

Racine, Wis. ... 67,195
 Rahway, N. J.... 17,498
 Raleigh, N. C... 46,897
 Reading, Pa. ... 110,568
 Reno, Nev..... 21,317
 Revere, Mass.... 34,405
 Richmond, Cal.... 23,642
 Richmond, Ind.... 35,147
 Richmond, Va.... 193,042
 Riv. R'uge, Mich. 17,008
 Riverside, Cal.... 34,696
 Roanoke, Va. ... 69,287
 Rochester, Minn. 26,312
 Rochester, N. Y. 324,975
 Rockford, Ill.... 84,637
 Rock Hill, S. C. 15,009
 Rock Island, Ill. 42,775
 Rock Centre, N.Y. 18,613
 Rocky Mt., N. C. 25,568
 Rome, Ga..... 26,282
 Rome, N. Y.... 34,214
 Royal Oak, Mich. 25,087
 Rutherford, N. J. 15,466
 Rutland, Vt. ... 17,082

Sacramento, Cal. 105,958
 Saginaw, Mich... 82,794
 St. Cloud, Minn. 24,173
 St. Joseph, Mo.. 75,711
 St. Louis, Mo.... 816,048
 St. Paul, Minn.. 287,736
 St. Petersb'g, Fla. 60,812
 Salem, Mass.... 41,213
 Salem, Ore. ... 30,908
 Salina, Kan.... 21,073
 Salisbury, N. C. 19,037
 S. Lake C., Utah. 149,934
 San Angelo, Tex. 25,802

S. Antonio, Tex. 253,854
 San Bern., Cal.. 43,646
 San Diego, Cal. 203,341
 Sandusky, Ohio... 24,874
 San Fran., Cal. 634,536
 San Jose, Cal.... 68,457
 San Mateo, Cal.. 19,403
 Santa Ana, Cal. 31,921
 Santa Bar., Cal. 34,958
 Santa Cruz, Cal.. 16,896
 Santa Fe, N. M. 20,325
 Santa Monica, Cal. 53,500
 S. Ste. Mar., Mich. 15,847
 Savannah, Ga.... 95,996
 Schenectady, N.Y. 87,549
 Scranton, Pa. ... 140,404
 Seattle, Wash.... 368,302
 Sedalia, Mo..... 20,428
 Selma, Ala..... 19,834
 Shaker Hts., O... 23,393
 Shamokin, Pa.... 18,810
 Sharon, Pa. 25,622
 Shawnee, Okla... 22,053
 Sheboygan, Wis... 40,638
 Shenandoah, Pa. 19,790
 Sherman, Tex.... 17,156
 Shorewood, Wis... 15,184
 Shreveport, La... 98,167
 Sioux City, Ia.... 82,364
 Sioux Falls, S. D. 40,832
 Somerv'le, Mass. 102,177
 So. Bend, Ind... 101,268
 Southb'dge, Mass. 16,825
 South Gate, Cal. 26,945
 So. Portland, Me. 15,781
 Spart'burg, S. C. 32,249
 Spokane, Wash... 122,001
 Springfield, Ill... 75,503
 Spr'gfield, Mass. 149,554
 Springfield, Mo... 61,238
 Springfield, Ohio. 70,662
 Stamford, Conn. 47,938
 Staunton, Va. ... 15,337
 Steubenville, Ohio 37,651
 Stevens Pt., Wis. 15,777
 Stockton, Cal.... 54,714
 Stratford, Conn... 22,580
 Summit, N. J... 16,165
 Sumter, S. C. ... 15,874
 Sunbury, Pa. ... 15,462
 Superior, Wis.... 35,136
 Swissvale, Pa. ... 15,919
 Syracuse, N. Y. 205,967

Tacoma, Wash... 109,408
 Tallahassee, Fla. 16,240
 Tampa, Fla..... 108,391
 Taunton, Mass.... 37,395
 Teaneck, N. J... 25,275
 Temple, Tex.... 15,344
 Terre Haute, Ind. 62,693
 Texarkana, Tex. 17,019
 Tiffin, Ohio..... 16,102
 Toledo, Ohio..... 282,349
 Topeka, Kan.... 67,833
 Torrington, Conn. 26,988
 Trenton, N. J... 124,697
 Troy, N. Y..... 70,304
 Tucson, Ariz.... 36,818
 Tulsa, Okla. 142,157
 Tuscaloosa, Ala... 27,493
 Tyler, Tex. 28,279

Union, N. J.... 24,730

Census 1940 - Continued

Union City, N. J. 56,173
 Uniontown, Pa... 21,819
 Univ'ty City, Mo. 33,023
 Upper Darby, Pa. 56,883
 Utica, N. Y.....100,518
 Valdosta, Ga..... 15,595
 Vallejo, Cal..... 20,072
 Val. Stream, N.Y. 16,679
 Vanco'ver, Wash. 18,788
 Vicksburg, Miss.. 24,460
 Vincennes, Ind... 18,228

Waco, Tex. 55,982
 Wakefield, Mass.. 16,223
 W. Walla, Wash. 18,109
 Waltham, Mass... 40,020
 Warren, Ohio..... 42,837
 Warwick, R. I. ... 28,757
 Washington, D. C. 663,091
 Washington, Pa.. 26,166
 Waterbury, Conn. 99,314
 Waterloo, Ia. 51,743
 Watertown, Mass. 35,427
 Watertown, N. Y. 33,385
 Waterville, Me... 16,688
 Watervliet, N. Y. 16,114
 Waukegan, Ill.... 34,241
 Waukesha, Wis. . 19,242
 Wausau, Wis. ... 27,268
 Wauwatosa, Wis. 27,769
 Waycross, Ga..... 16,763
 Webster G'ves, Mo. 18,394
 Wellesley, Mass.. 15,127
 West Allis, Wis. 36,364
 Westfield, N. J. . 18,458
 Westfield, Mass.. 18,793
 W. Hartford, Conn. 33,776
 W. Haven, Conn. 30,021
 West N. Y., N. J. 39,439
 W. Orange, N. J. 25,662
 W. Palm B., Fla. 33,693
 W. Sp'gfd, Mass. 17,135
 W. Warwick, R.I. 18,188
 Weymouth, Mass. 23,868
 Wheeling, W. Va. 61,099
 W'te Plains, N.Y. 40,327
 Whittier, Cal..... 16,115
 Wichita, Kan.....114,966
 Wich. Falls, Tex. 45,112
 Wilkes-Barre, Pa. 86,236
 Wilkinsburg, Pa. 29,853
 Williamsport, Pa. 44,355
 Wilmette, Ill..... 17,226
 Wilmington, Del..112,504
 Wilmington, N. C. 33,407
 Wilson, N. C.... 19,234
 Winchester, Mass. 15,081
 Winona, Minn.... 22,490
 Win.-Salem, N.C. 79,815
 Winthrop, Mass.. 16,768
 Woburn, Mass.... 19,751
 Woodbridge, N. J. 27,191
 Woonsocket, R. I. 49,303
 Worcester, Mass..193,694
 Wyandotte, Mich. 30,618

Yakima, Wash. . 27,221
 Yonkers, N. Y....142,598
 York, Pa. 56,712
 Youngstown, Ohio.167,720

Zanesville, Ohio.. 37,500

POPULATION BY STATES

| | 1940 | 1930 | Increase% |
|-----------------------|------------|------------|-----------|
| Alabama | 2,832,961 | 2,646,248 | 7.1 |
| Arizona | 499,261 | 435,573 | 14.6 |
| Arkansas | 1,949,387 | 1,854,482 | 5.1 |
| California | 6,907,387 | 5,677,251 | 21.7 |
| Colorado | 1,123,296 | 1,035,791 | 8.4 |
| Connecticut | 1,709,242 | 1,606,903 | 6.4 |
| Delaware | 266,505 | 238,380 | 11.8 |
| Dist. of Columbia.... | 663,091 | 486,869 | 36.2 |
| Florida | 1,897,414 | 1,468,211 | 29.2 |
| Georgia | 3,123,723 | 2,908,506 | 7.4 |
| Idaho | 524,873 | 445,032 | 17.9 |
| Illinois | 7,897,241 | 7,630,654 | 3.5 |
| Indiana | 3,427,796 | 3,238,503 | 5.8 |
| Iowa | 2,538,268 | 2,470,939 | 2.7 |
| Kansas | 1,801,028 | 1,880,999 | *4.3 |
| Kentucky | 2,845,627 | 2,614,589 | 8.8 |
| Louisiana | 2,363,880 | 2,101,593 | 12.5 |
| Maine | 847,226 | 797,423 | 6.2 |
| Maryland | 1,821,244 | 1,631,526 | 11.6 |
| Massachusetts | 4,316,721 | 4,249,614 | 1.6 |
| Michigan | 5,256,106 | 4,842,325 | 8.5 |
| Minnesota | 2,792,300 | 2,563,953 | 8.9 |
| Mississippi | 2,183,796 | 2,009,821 | 8.7 |
| Missouri | 3,784,664 | 3,629,367 | 4.3 |
| Montana | 559,456 | 537,606 | 4.1 |
| Nebraska | 1,315,834 | 1,377,963 | *4.5 |
| Nevada | 110,247 | 91,058 | 21.1 |
| New Hampshire | 491,524 | 465,293 | 5.6 |
| New Jersey | 4,160,165 | 4,041,334 | 2.9 |
| New Mexico | 531,818 | 423,317 | 25.6 |
| New York | 13,479,142 | 12,588,066 | 7.1 |
| North Carolina | 3,571,623 | 3,170,276 | 12.7 |
| North Dakota | 641,935 | 680,845 | *5.7 |
| Ohio | 6,907,612 | 6,646,697 | 3.9 |
| Oklahoma | 2,336,434 | 2,396,040 | *2.5 |
| Oregon | 1,089,684 | 953,786 | 14.2 |
| Pennsylvania | 9,900,180 | 9,631,350 | 2.8 |
| Rhode Island | 713,346 | 687,497 | 3.8 |
| South Carolina | 1,899,804 | 1,738,765 | 9.3 |
| South Dakota | 642,961 | 692,849 | *7.2 |
| Tennessee | 2,915,841 | 2,616,556 | 11.4 |
| Texas | 6,414,824 | 5,824,715 | 10.1 |
| Utah | 550,310 | 507,847 | 8.4 |
| Vermont | 359,231 | 359,611 | *0.1 |
| Virginia | 2,677,773 | 2,421,851 | 10.6 |
| Washington | 1,736,191 | 1,563,396 | 11.1 |
| West Virginia | 1,901,974 | 1,729,205 | 10.0 |
| Wisconsin | 3,137,587 | 2,939,006 | 6.8 |
| Wyoming | 250,742 | 225,565 | 11.2 |

* Denotes decrease.

| | 1940 | 1930 |
|-------------------------------|------------|------------|
| Alaska | 72,524 | 59,278 |
| American Samoa | 12,908 | 10,055 |
| Guam | 22,290 | 18,509 |
| Hawaii | 423,330 | 368,336 |
| Panama Canal Zone..... | 51,827 | 39,467 |
| Puerto Rico | 1,869,255 | 1,543,913 |
| Virgin Islands | 24,889 | 22,012 |
| Military, Naval, etc., abroad | 118,933 | 89,453 |
| Philippine Islands | 16,356,000 | 13,513,000 |

| | | |
|-------------------------------|-------------|-------------|
| Territories and Possessions.. | 18,951,956 | 15,664,023 |
| Continental United States.. | 131,669,275 | 122,775,046 |
| Total United States..... | 150,621,231 | 138,439,069 |

OWN 13-A

No. 111457

Postage _____ cts.

Insurance fee paid 10 cts.

Fragile _____

Perishable _____

Eggs _____

Accepting employee will place his initials in spaces applicable to insure contents and insert the fees paid.

The sender should write the name of the addressee on back hereof as an identification. Preserve and submit this receipt in case of inquiry or application for indemnity. Indemnity claims must be filed within 6 months from date of mailing.

RECEIPT FOR INSURED MAIL

DOMESTIC (Including Canada and Newfoundland)

FEES

INDEMNITY

5c _____ Value up to \$5

10c _____ Value up to \$25

15c _____ Value up to \$50

25c* _____ Value up to \$100

30c _____ Value up to \$150

35c _____ Value up to \$200

* Maximum chargeable to Newfoundland. Apply at post office window for information concerning fees applicable to insured mail for foreign countries.

Fee paid for return receipt _____ cts.

Restricted delivery fee _____ cts.

Special delivery fee _____ cts.

Special handling charge _____ cts.

Accepting employee will place his initials in spaces applicable to insure contents and insert the fees paid.

The sender should write the name of the addressee on back hereof as an identification. Preserve and submit this receipt in case of inquiry or application for indemnity. Indemnity claims must be filed within 6 months from date of mailing.

e.p.o. 16-13284

(Postmark of

32145

Mailing Office)

POSTMASTER,

By _____

021

no 20

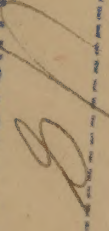
RED BALL MOTOR FREIGHT LINES

DUPLICATE
DELIVERY RECEIPT

GENERAL OFFICE:

P. O. BOX 1647

DALLAS, TEXAS

| | | | | | | | |
|---|-----------------------------------|-------------------------------|------|----------------------------|----------|--------------|------------------|
| CONSIGNEE
U S DEPARTMENT OF AGRICULTURE
P O BOX 2967
R R W BEAUMONT, TEXAS | | BILLING STATION
GREENVILLE | | DATE
3/19/46 | | | |
| DESTINATION
SHIPPER | | REFERENCE | | FREIGHT BILL NO.
889958 | | | |
| ORIGIN
TRANS OFFICER MAJORS FIELD GREENVILLE TEXAS | | | | | | | |
| NO. PKGS. | DESCRIPTION, MARKS AND EXCEPTIONS | WEIGHT | RATE | FREIGHT | ADVANCES | C. O. D. | TOTAL TO COLLECT |
| ROUTING: | | | | | | | |
| 2 | BDLS HARRON, DISC, TANDEM | 1185 | 98 | 1161 | | | 1161 |
| <div>PAID</div> <div>MAR 25 1946</div> <div>RED BALL MOTOR FREIGHT LINE</div> <div>BY </div> | | | | | | | |
| RECEIVED ABOVE IN GOOD ORDER EXCEPT AS NOTED | | TIME OF DELIVERY | | ORIGINAL FREIGHT | | Advances | |
| | | A.M. 194 | | BILL SHOULD | | B'yon Coll. | |
| | | P.M. | | ACCOMPANY | | Conn. Prepay | |
| | | | | ALL CLAIMS | | B'yon Paid | |

DELIVERED WEEKLY
DUPLICATE

RED BATT MOTORS FREIGHT LINES

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

DATE

BILLING STATION

RECEIVED

826688

REFERENCE

RECEIVED

826688

COLLECT

C. & D.

ADVANCES

FREIGHT

DATE

WEIGHT

DESCRIPTION MARKS AND EXCEPTED

RECEIVED

1911

1911

82

6011

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

VE

TIME OF DELIVERY

DELIVERED WEEKLY
DUPLICATE

82

M. A.

DELIVERED WEEKLY
DUPLICATE

DELIVERED WEEKLY
DUPLICATE

RED BALL MOTOR FREIGHT LINES

MEMORANDUM

GENERAL OFFICE:

P. O. BOX 1647

DALLAS, TEXAS

| | | | | | | | |
|--|-----------------------------------|------------------|------|------------------|------------------|--------------|------------------|
| CONSIGNEE | U S DEPARTMENT OF AGRICULTURE | | | BILLING STATION | DATE | | |
| DESTINATION | P O BOX 2967 | | | GREENVILLE | 3/19/46 | | |
| SHIPPER | TRANS OFFICER MAJORS FIELD | | | REFERENCE | FREIGHT BILL NO. | | |
| ORIGIN | GREENVILLE TEXAS | | | | 889958 | | |
| NO. PKGS. | DESCRIPTION, MARKS AND EXCEPTIONS | WEIGHT | RATE | FREIGHT | ADVANCES | C. O. D. | TOTAL TO COLLECT |
| ROUTING: | 2 BOLS HARRON, DISC, PAID | 1185 | 98 | 1161 | | | 1161 |
| GOV'T MAR 25 1946 736612 | | | | | | | |
| RED BALL MOTOR FREIGHT LINE | | | | | | | |
| BY <i>[Signature]</i> | | | | | | | |
| RECEIVED ABOVE IN GOOD ORDER EXCEPT AS NOTED | | TIME OF DELIVERY | | ORIGINAL FREIGHT | | Advances | |
| | | A.M. 194 | | BILL SHOULD | | B'yon Coll. | |
| | | P.M. | | ACCOMPANY | | Conn. Prepay | |
| | | | | ALL CLAIMS | | B'yon Paid | |

RECEIVED

GENERAL INVESTIGATIVE DIVISION

RECEIVED

APR 10 1964

TELETYPE

DATE

REPORTING STATION

REMARKS

850000

REPORTING NO.

REFERENCE

OT DATE

A. O. C.

ADVANCE

INSTRUMENT

TYPE

WEIGHT

DESCRIPTION, MAKE AND EXPERTISE

REMARKS

1011

1011

02

0011

Q1A4

GENERAL INVESTIGATIVE DIVISION

YB

ADVANCE TO UNIT

SECTION 2A TYPED BY REPORTING OFFICE IN ADVANCE

REMARKS

THREATENING

REMARKS

CLERICAL

REMARKS

REMARKS

REMARKS

RED BALL MOTOR FREIGHT LINES

MEMORANDUM

GENERAL OFFICE:

P. O. BOX 1647

DALLAS, TEXAS

| | | | | |
|-------------|-----------------|--|------------------|--|
| CONSIGNEE | BILLING STATION | | DATE | |
| DESTINATION | REFERENCE | | FREIGHT BILL NO. | |
| SHIPPER | | | 889958 | |
| ORIGIN | | | | |

| NO. PKGS. | DESCRIPTION, MARKS AND EXCEPTIONS | WEIGHT | RATE | FREIGHT | ADVANCES | C. O. D. | TOTAL TO COLLECT |
|-----------|--|--------|------|---------|----------|----------|------------------|
| 2 | 2 DOLS HARRON, DISC, TANDUM
PAID
GOV'T 24 1946 MAR 25 1946 706642
RED BALL MOTOR FREIGHT LINE
BY <i>[Signature]</i> | 1185 | 98 | 1161 | | | 1161 |

| | | | |
|--|------------------|---|---|
| RECEIVED ABOVE IN GOOD ORDER EXCEPT AS NOTED | TIME OF DELIVERY | ORIGINAL FREIGHT BILL SHOULD ACCOMPANY ALL CLAIMS | Advances
B'yon Coll.
Conn. Prepay
B'yon Paid |
| | A.M. 194
P.M. | | |

RED BALL MOTOR FREIGHT LINES

MEMORANDUM

DALLAS, TEXAS

P. O. BOX 1641

GENERAL OFFICE

880020

FREIGHT BILL NO.

DATE

SITTING STATION

REFERENCE

ADVANCES

C. O. D.

CORRECTED TO

FREIGHT

DATE

ROOM

BRACKET

Elect

1 - bedroom

1 bracket for bathroom

1 - living room

1 - kitchen

1 - back porch

1 - bracket light for ft porch

Mixon
Central Ill.

ALL CLAIMS
ACCUMULATED
BY THE
ORIGINAL FREIGHT

Carroll P. Adams
S. J. C. Co.

ADVANCES

1 front door lock
10 inside sets
1 rear door
1 floor hinge
13 pr. butts $3\frac{1}{2} \times 3\frac{1}{2}$
(prime coat)
22 locks + lifts for windows
22 hooks and eyes.

10/11/11

U. S. GOVERNMENT FREIGHT WAYBILL

ORIGINAL

NO. A 786642

PLACE SPECIAL SERVICE HERE

| | | | | | |
|----------------------|--------------------------------------|-------------------|------------------|--------------|-------------|
| CAR INITIALS AND NO. | CL TRANSFERRED TO OR LCL LOADING NO. | FREIGHT BILL DATE | FREIGHT BILL NO. | WAYBILL DATE | WAYBILL NO. |
|----------------------|--------------------------------------|-------------------|------------------|--------------|-------------|

| | |
|--|---------------------|
| NAME OF INITIAL TRANSPORTATION COMPANY | TRAFFIC CONTROL NO. |
|--|---------------------|

RED BALL MOTOR FREIGHT LINES

| STOP THIS CAR AT | FOR | WEIGHT IN TONS | | | LENGTH OF CAR | | MARKED CAPACITY OF CAR | | DATE CAR FURNISHED | DATE B/L ISSUED |
|------------------|-----|----------------|------|-----|---------------|-----------|------------------------|-----------|--------------------|-----------------|
| | | GROSS | TARE | NET | ORDERED | FURNISHED | ORDERED | FURNISHED | | |
| | | | | | | | | | | 2/19/46 |

| TO | STATION | STATE | FROM | STATION | STATE |
|----|---------|-------|---------------------|---------|-------|
| | | | MAJORS FIELD, TEXAS | | |

| | |
|---|----------------------|
| ROUTE (Show each junction and carrier in route order to destination of waybill) | FULL NAME OF SHIPPER |
|---|----------------------|

| | |
|--|---|
| | WAR ASSETS CORPORATION, CONSUMER GOODS DIVISION |
|--|---|

| | |
|--|--|
| CONSIGNEE TO (mail or street address of consignee—For purposes of notification only) | MARKS |
| U. S. Department of Agriculture
P. O. Box 2967
Beaumont, Texas | U. S. Department of Agriculture
P. O. Box 2967
Beaumont, Texas
(H. M. Beachell) |

| | | |
|-----------------|----------|--|
| DESTINATION | STATE OF | CHARGES TO BE BILLED TO (Department or Establishment and Bureau or Service and Location) |
| Beaumont, Texas | | U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY, SOILS & AGRICULTURAL ENGINEERING,
PLANT INDUSTRY STATION, BELTSVILLE, MARYLAND. |

| | |
|-----------------------------------|--|
| MOVEMENT DESIGNATED BY GOVERNMENT | APPROPRIATION CHARGEABLE |
| Lowest reasonable available route | 1203640.010 Cereal Crops and Diseases, Proj. 109 |

| | |
|--|---------------------------------------|
| | ISSUING OFFICE |
| | Division of Cereal Crops and Diseases |

| | |
|--|--------------------------------------|
| PICK-UP SERVICE AT ORIGIN | NAME AND TITLE OF ISSUING OFFICER |
| WAS NOT BY THE GOVERNMENT OR ITS AGENT.
(Insert "Was" or "Was not") | H. M. Beachell, Associate Agronomist |

| | |
|--|--------------------------|
| INITIALS OF SHIPPER'S AUTHORIZED AGENT OR EMPLOYEE | WEIGHED AT |
| | GROSS TARE ALLOWANCE NET |

| PACKAGES | | | DESCRIPTION OF ARTICLES AND EXCEPTIONS | NOS. ON PKGS. | WEIGHTS | RATE | FREIGHT | ADVANCES |
|----------|---------|--|--|---------------|---------|------|---------|----------|
| NO. | KIND | | | | | | | |
| 2 | BUNDLES | | HARROW, DISC, TANDEM | 1/2 | 1185 | | | |
| | | | "TO BE WEIGHED EN ROUTE" | | | | | |
| | | | 64 | | | | | |
| | | | 32 | | | | | |
| | | | 300 | | | | | |
| | | | 20 | | | | | |

| | |
|--|--------------------------------|
| CERTIFICATE OF ISSUING OFFICER | NAME OF TRANSPORTATION COMPANY |
| CONTRACT NO. OR PURCHASE ORDER NO. OR OTHER AUTHORITY FOR SHIPMENT | RED BALL MOTOR FREIGHT LINES |
| MAJORS FIELD, TEXAS | DATE OF RECEIPT OF SHIPMENT |
| | 19 MARCH 1946 |
| SIGNATURE OF ISSUING OFFICER | SIGNATURE OF AGENT |

| | | |
|--|--|-------------------------------------|
| OUTGOING JUNCTION AGENT WILL SHOW JUNCTION STAMPS IN SPACE AND ORDER PROVIDED. TO BE PLACED ON BACK HEREOF | ADDITIONAL JUNCTION STAMPS AND ALL YARD STAMPS | DESTINATION AGENT WILL STAMP HEREIN |
| FIRST JUNCTION | SECOND JUNCTION | STATION NAME AND DATE REPORTED |
| | THIRD JUNCTION | |
| | FOURTH JUNCTION | |

U. S. GOVERNMENT FREIGHT WAYBILL

CARRIERS' COPY

NO. A

786642

Standard Form No. 1106
Form approved by
Comptroller General, U. S.
1943

PLACE SPECIAL TRANSPORTATION TAGS HERE

| | | | | | |
|----------------------|--------------------------------------|-------------------|------------------|--------------|-------------|
| CAR INITIALS AND NO. | CL TRANSFERRED TO OR LCL LOADING NO. | FREIGHT BILL DATE | FREIGHT BILL NO. | WAYBILL DATE | WAYBILL NO. |
|----------------------|--------------------------------------|-------------------|------------------|--------------|-------------|

| | |
|---|---------------------|
| NAME OF INITIAL TRANSPORTATION COMPANY
RED BALL MOTOR FREIGHT LINES | TRAFFIC CONTROL NO. |
|---|---------------------|

| | | | | | | | | | | |
|------------------|-----|----------------|------|-----|---------------|-----------|------------------------|-----------|--------------------|-----------------|
| STOP THIS CAR AT | FOR | WEIGHT IN TONS | | | LENGTH OF CAR | | MARKED CAPACITY OF CAR | | DATE CAR FURNISHED | DATE B/L ISSUED |
| | | GROSS | TARE | NET | ORDERED | FURNISHED | ORDERED | FURNISHED | | |
| | | | | | | | | | | 2/19/46 |

| | | | | | |
|----|---------|-------|------|---------------------|-------|
| TO | STATION | STATE | FROM | STATION | STATE |
| | | | | MAJORS FIELD, TEXAS | |

| | |
|---|--|
| ROUTE (Show each junction and carrier in route order to destination of waybill) | FULL NAME OF SHIPPER
WAR ASSETS CORPORATION, CONSUMER GOODS DIVISION |
|---|--|

| | |
|--|---|
| CONSIGNEE TO (mail or street address of consignee - For purposes of notification only)
H. M. Beachell
U. S. Department of Agriculture
P. O. Box 2967
Beaumont, Texas | MARKS
U. S. Department of Agriculture
P. O. Box 2967
Beaumont, Texas
(H. M. Beachell) |
|--|---|

| | |
|---------------------------------------|----------|
| DESTINATION
Beaumont, Texas | STATE OF |
|---------------------------------------|----------|

| | |
|---|---|
| MOVEMENT DESIGNATED BY GOVERNMENT
Lowest reasonable available route | CHARGES TO BE BILLED TO (Department or Establishment and Bureau or Service and Location)
U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY, SOILS & AGRICULTURAL ENGINEERING,
PLANT INDUSTRY STATION, BELTSVILLE, MARYLAND. |
|---|---|

| | |
|--|---|
| | APPROPRIATION CHARGEABLE
1263640.010 Cereal Crops and Diseases, Proj. 109 |
|--|---|

| | |
|--|--|
| | ISSUING OFFICE
Division of Cereal Crops and Diseases |
|--|--|

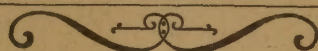
| | |
|---|--|
| PICK-UP SERVICE AT ORIGIN WAS NOT BY THE GOVERNMENT OR ITS AGENT.
(Insert "Was" or "Was not") | NAME AND TITLE OF ISSUING OFFICER
H. M. Beachell, Associate Agronomist |
|---|--|

| | |
|--|------------|
| INITIALS OF SHIPPER'S AUTHORIZED AGENT OR EMPLOYEE | WEIGHED AT |
|--|------------|

| PACKAGES | | DESCRIPTION OF ARTICLES AND EXCEPTIONS | NOS. ON PKGS. | WEIGHTS | RATE | FREIGHT | ADVANCES |
|----------|---------|--|---------------|---------|------|---------|----------|
| NO. | KIND | | | | | | |
| 2 | BUNDLES | HARROW, DISC, TANDEN | 1/2 | 1185 | | | |
| | | "TO BE WEIGHED EN ROUTE" | | | | | |

| | |
|--|---|
| CERTIFICATE OF ISSUING OFFICER | NAME OF TRANSPORTATION COMPANY
RED BALL MOTOR FREIGHT LINES |
| TRACT NO. OR PURCHASE ORDER NO. none | DATE OF RECEIPT OF SHIPMENT
19 MARCH 1946 |
| DATED 2/19/46 | SIGNATURE OF AGENT
<i>Red Ball Motor Freight</i> |
| MAJORS FIELD, TEXAS (F. O. B. POINT NAMED IN CONTRACT) | PER
<i>Red Ball Motor Freight</i> |
| NATURE OF SUIING OFFICER | |

1946—Calendar—1946



JANUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----------------|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 ^x |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 ^x |
| 27 | 28 | 29 | 30 | 31 | | |

JULY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

FEBRUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----------------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 ^x |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 ^x |
| 24 | 25 | 26 | 27 | 28 | | |

AUGUST

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

MARCH

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----------------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 ^x |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 ^x |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

SEPTEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

APRIL

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 ^x |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 ^x |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | | | | |

OCTOBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

MAY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|----------------|-----------------|
| | | 1 | 2 | 3 | 4 ^x | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 ^x |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

NOVEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

JUNE

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----------------|
| | | | | | | 1 ^x |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 ^x |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 ^x |
| 30 | | | | | | |

DECEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

